

## SUBCHAPTER B—REGULATIONS UNDER THE FEDERAL POWER ACT

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AUTHORITY: 16 U.S.C. 791a–825r, 2601–2645; 42 U.S.C. 7101–7352.

SOURCE: Order 141, 12 FR 8485, Dec. 19, 1947, unless otherwise noted.

**Subpart A—Determination of Cost of Projects Constructed Under License****§ 4.1 Initial cost statement.**

(a) *Notification of Commission.* When a project is constructed under a license issued under the Federal Power Act, the licensee shall, within one year after the original project is ready for service, file with the Commission a letter, in quadruplicate, declaring that the original costs have been booked in compliance with the Commission's Uniform System of Accounts and the books of accounts are ready for audit.

(b) *Licensee's books.* The licensee's books of accounts for each project shall be maintained in such a fashion that each year's additions, betterments, and deletions to the project may be readily ascertained.

(c) *Availability of information to the public.* The information made available to the Commission in accordance with this section must be available to the public for inspection and copying when specifically requested.

(d) *Compliance with the Act.* Compliance with the provisions of this section satisfies the filing requirements of sec-

tion 4(b) of the Federal Power Act (16 U.S.C. 797(b)).

[Order 53, 44 FR 61948, Oct. 29, 1979]

**§ 4.3 Report on project cost.**

(a) *Scheduling an audit.* When the original cost declaration letter, filed in accordance with § 4.1 is received by the Commission, its representative will schedule and conduct an audit of the books, cost records, engineering reports, and other records supporting the project's original cost. The audit may include an inspection of the project works.

(b) *Project records.* The cost records shall be supported by memorandum accounts reflecting the indirect and overhead costs prior to their spread to primary accounts as well as all the details of allocations including formulas utilized to spread the indirect and overhead costs to primary accounts.

(c) *Report by Commission staff.* Upon completion of the audit, a report will be prepared for the Commission setting forth the audit findings and recommendations with respect to the cost as claimed.

[Order 53, 44 FR 61948, Oct. 29, 1979]

**§ 4.4 Service of report.**

Copies of such report will be served by certified mail upon said licensees, and copies will also be sent to the State public service commission, or if the States has not regulatory agency, to the Governor of the State where such project is located, and to such other parties as the Commission shall prescribe, and the report will be made available for public inspection at the time of service upon the licensee.

(Administrative Procedure Act, 5 U.S.C. 551–557 (1976); Federal Power Act, as amended, 16 U.S.C. 291–628 (1976 & Supp. V 1981), Dept. of Energy Organization Act 42 U.S.C. 7101–7352 (Supp. V 1981); E.O. 12009, 3 CFR 142 (1978))

[Order 141, 12 FR 8485, Dec. 19, 1947, as amended by Order 344, 48 FR 49010, Oct. 24, 1983]

**§ 4.5 Time for filing protest.**

Thirty days after service thereof will be allowed to such licensee within which to file a protest to such reports. If no protest is filed within the time allowed, the Commission will issue such

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order as may be appropriate. If a protest is filed, a public hearing will be ordered in accordance with subpart E of part 385 of this chapter.

[Order 141, 12 FR 8485, Dec. 19, 1947, as amended by Order 225, 47 FR 19056, May 3, 1982]

### § 4.6 Burden of proof.

The burden of proof to sustain each item of claimed cost shall be upon the licensee and only such items as are in the opinion of the Commission supported by satisfactory proof may be entered in the electric plant accounts of the licensee.

[Order 53, 44 FR 61948, Oct. 29, 1979]

### § 4.7 Findings.

(a) *Commission determination.* Final action by the Commission will be in the form of an order served upon all parties to the proceeding. One copy of the order will be furnished to the Secretary of Treasury by the Commission.

(b) *Adjustments to licensee's books.* The licensee's books of account for the project shall be adjusted to conform to the actual legitimate cost as revised by the order of the Commission. These adjustments and the project may be audited by Commission representatives, as scheduled.

[Order 53, 44 FR 61948, Oct. 29, 1979]

## Subpart B—Determination of Fair Value of Constructed Projects, Under Section 23(a) of the Act

### § 4.10 Valuation data.

(a) *Notification of Commission.* In every case arising under section 23(a) of the Federal Power Act that requires the determination of the fair value of a project already constructed, the licensee shall, within six months after the date of issuance of a license, file with the Commission a letter, in quadruplicate.

(b) *Contents of letter.* The letter referred to in paragraph (a) shall contain a statement to the effect that an inventory and appraisal in detail, as of the effective date of the license, of all property subject thereto and to be so valued has been completed. The letter shall also include a statement to the

effect that the actual legitimate original cost, or if not known, the estimated original cost, and accrued depreciation of the property, classified by prime accounts as prescribed in the Commission's Uniform System of Accounts, have been established.

(c) *Licensee's books.* The licensee's books of account for each project shall be maintained in such a fashion that each year's additions, betterments, and deletions to the projects may be readily ascertained.

(d) *Availability of information to the public.* The information made available to the Commission in accordance with this section must be available for inspection and copying by the public when specifically requested.

[Order 53, 44 FR 61948, Oct. 29, 1979]

### § 4.11 Reports.

Representatives of the Commission will inspect the project works, engineering reports, and other records of the project, check the inventory and make an appraisal of the property and an audit of the books, records, and accounts of the licensee relating to the property to be valued, and will prepare a report of their findings with respect to the inventory, appraisal, original cost, accrued depreciation, and fair value of the property.

### § 4.12 Service of report.

A copy of such report will be served by certified mail upon said licensee, and copies will also be sent to the State public service commission, or if the State has no regulatory agency, to the Governor of the State where such project is located. The report will be made available for public inspection at the time of service upon the licensee.

(Administrative Procedure Act, 5 U.S.C. 551-557 (1976); Federal Power Act, as amended, 16 U.S.C. 291-628 (1976 & Supp. V 1981), Dept. of Energy Organization Act 42 U.S.C. 7101-7352 (Supp. V 1981); E.O. 12009, 3 CFR 142 (1978))

[Order 141, 12 FR 8485, Dec. 19, 1947, as amended by Order 344, 48 FR 49010, Oct. 24, 1983]

### § 4.13 Time for filing protest.

Thirty days after service thereof will be allowed to the licensee within which to file a protest to such report.

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##### § 4.14 Hearing upon report.

(a) *Public hearing.* After the expiration of the time within which a protest may be filed, a public hearing will be ordered in accordance with subpart E of part 385 of this chapter.

(b) *Commission determination.* After the conclusion of the hearing, the Commission will make a finding of fair value, accompanied by an order which will be served upon the licensee and all parties to the proceeding. One copy of the order shall be furnished to the Secretary of the Treasury by the Commission.

(c) *Adjustment to licensee's books.* The licensee's books of account for the project shall be adjusted to conform to the fair value of the project as revised by the order of the Commission. These adjustments and the project may be audited by Commission representatives, as scheduled.

[Order 53, 44 FR 61949, Oct. 29, 1979, as amended by Order 225, 47 FR 19056, May 3, 1982]

### Subpart C—Determination of Cost of Constructed Projects not Subject to Section 23(a) of the Act

##### § 4.20 Initial statement.

(a) *Notification of Commission.* In all cases where licenses are issued for projects already constructed, but which are not subject to the provisions of section 23(a) of the Act (49 Stat. 846; 16 U.S.C. 816), the licensee shall, within 6 months after the date of issuance of license, file with the Commission a letter, in quadruplicate.

(b) *Contents of letter.* The letter referred to in paragraph (a) of this section shall contain a statement to the effect that an inventory in detail of all property included under the license, as of the effective date of such license, has been completed. The letter shall also include a statement to the effect that actual legitimate original cost, or if not known, the estimated original cost, and accrued depreciation of the property, classified by prime accounts as prescribed in the Commission's Uniform System of Accounts, have been established.

(c) *Licensee's books.* The licensee's books of account for each project shall

be maintained in such a fashion that each year's additions, betterments, and deletions to the project may be readily ascertained.

(d) *Availability of information to the public.* The information made available to the Commission in accordance with this section must be available for inspection and copying by the public when specifically requested.

(e) *Compliance with the Act.* Compliance with the provisions of this section satisfies the filing requirements of section 4(b) of the Federal Power Act (16 U.S.C. 797(b)).

[Order 53, 44 FR 61949, Oct. 29, 1979]

##### § 4.21 Reports.

Representatives of the Commission will inspect the project works, engineering reports, and other records of the project, check the inventory and estimated depreciation, make an audit of the books, records, and accounts of the licensee relating to the property under license, and prepare a report of their findings with respect to the inventory, the original cost of the property, and the estimated accrued depreciation thereon.

##### § 4.22 Service of report.

Copies of such report will be served by certified mail upon said licensees, and copies will also be sent to the State public service commission, or if the State has no regulatory agency, to the Governor of the State where such project is located, and to such other parties as the Commission shall prescribe, and the report will be made available for public inspection at the time of service upon the licensee.

(Administrative Procedure Act, 5 U.S.C. 551-557 (1976); Federal Power Act, as amended, 16 U.S.C. 291-628 (1976 & Supp. V 1981), Dept. of Energy Organization Act 42 U.S.C. 7101-7352 (Supp. V 1981); E.O. 12009, 3 CFR 142 (1978))

[Order 141, 12 FR 8485, Dec. 19, 1947, as amended by Order 344, 48 FR 49010, Oct. 24, 1983]

##### § 4.23 Time for filing protest.

Thirty days after service thereof will be allowed to such licensee within which to file a protest to such reports. If no protest is filed within the time allowed, the Commission will issue such

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order as may be appropriate. If a protest is filed, a public hearing will be ordered in accordance with subpart E of part 385 of this chapter.

[Order 141, 12 FR 8485, Dec. 19, 1947, as amended by Order 225, 47 FR 19056, May 3, 1982]

### § 4.24 Determination of cost.

The Commission, after receipt of the reports, or after the conclusion of the hearing if one is held, will determine the amounts to be included in the electric plant accounts of the licensee as the cost of the property and the accrued depreciation thereon.

### § 4.25 Findings.

(a) *Commission determination.* Final action by the Commission will be in the form of an order served upon all parties to the proceeding. One copy of the order shall be furnished to the Secretary of Treasury by the Commission.

(b) *Adjustment to licensee's books.* The licensee's books of account for the project shall be adjusted to conform to the actual legitimate cost as revised by the order of the Commission. These adjustments and the project may be audited by Commission representatives, as scheduled.

[Order 53, 44 FR 61949, Oct. 29, 1979]

## Subpart D—Application for Preliminary Permit, License or Exemption: General Provisions

AUTHORITY: Federal Power Act, as amended, 16 U.S.C. 792–828c; Department of Energy Organization Act, 42 U.S.C. 7101–7352; E.O. 12009, 42 FR 46267; Public Utility Regulatory Policies Act of 1978, 16 U.S.C. 2601–2645; Pub. L. 96–511, 94 Stat. 2812 (44 U.S.C. 3501 *et seq.*).

### § 4.30 Applicability and definitions.

(a) This subpart applies to any application for preliminary permit, license, or exemption from licensing.

(b) For the purposes of this part—

(1)(i) *Competing development application* means any application for a license or exemption from licensing for a proposed water power project that would develop, conserve, and utilize, in whole or in part, the same or mutually exclusive water resources that would be developed, conserved, and utilized

by a proposed water power project for which an initial preliminary permit or initial development application has been filed and is pending before the Commission.

(ii) *Competing preliminary permit application* means any application for a preliminary permit for a proposed water power project that would develop, conserve, and utilize, in whole or in part, the same or mutually exclusive water resources that would be developed, conserved and utilized by a proposed water power project for which an initial preliminary permit or initial development application has been filed and is pending before the Commission.

(2) *Conduit* means any tunnel, canal, pipeline, aqueduct, flume, ditch, or similar manmade water conveyance that is operated for the distribution of water for agricultural, municipal, or industrial consumption and not primarily for the generation of electricity. The term *not primarily for the generation of electricity* includes but is not limited to a conduit:

(i) Which was built for the distribution of water for agricultural, municipal, or industrial consumption and is operated for such a purpose; and

(ii) To which a hydroelectric facility has been or is proposed to be added.

(3) *Construction of a dam*, for the purposes of provisions governing application for exemption of a small conduit hydroelectric facility, means any construction, repair, reconstruction, or modification of a dam that creates a new impoundment or increases the normal maximum surface elevation or the normal maximum surface area of an existing impoundment.

(4)(i) *Dam*, for the purposes of provisions governing application for license of a major project—existing dam, means any structure for impounding or diverting water.

(ii) *Dam*, for the purposes of provisions governing application for exemption of a small conduit hydroelectric facility, means any structure that impounds water.

(iii) *Dam*, for the purposes of provisions governing application for exemption of a small hydroelectric power

project, means any structure for impounding water, including any diversion structure that is designed to obstruct all or substantially all of the flow of a natural body of water.

(5) *Development application* means any application for either a license or exemption from licensing for a proposed water power project.

(6)(i) *Existing dam*, for the purposes of provisions governing application for license of a major project—existing dam, means any dam (as defined in paragraph (b)(4)(i) of this section) that has already been constructed and which does not require any construction or enlargement of impoundment structures other than repairs or reconstruction.

(ii) *Existing dam*, for the purposes of provisions governing application for exemption of a small hydroelectric power project, means any dam, the construction of which was completed on or before April 20, 1977, and which does not require any construction or enlargement of impoundment structures (other than repairs or reconstruction) in connection with the installation of any small hydroelectric power project.

(7) *Existing impoundment*, for the purposes of provisions governing application for license of a major project—existing dam, means any body of water that an existing dam impounds.

(8) *Federal lands*, for the purposes of provisions governing application for exemption of a small hydroelectric power project, means any lands to which the United States holds fee title.

(9)(i) *Fish and wildlife agencies* means the United States Fish and Wildlife Service, the National Marine Fisheries Service, and the state agency in charge of administrative management over fish and wildlife resources of the state in which a proposed hydropower project is located.

(ii) *Fish and wildlife recommendation* means any recommendation designed to protect, mitigate damages to, or enhance any wild member of the animal kingdom, including any migratory or nonmigratory mammal, fish, bird, amphibian, reptile, mollusk, crustacean, or other invertebrate, whether or not bred, hatched, or born in captivity, and includes any egg or offspring thereof,

related breeding or spawning grounds, and habitat. A “fish and wildlife recommendation” includes a request for a study which cannot be completed prior to licensing, but does not include a request that the proposed project not be constructed or operated, a request for additional pre-licensing studies or analysis or, as the term is used in §§ 4.34(e)(2) and 4.34(f)(3), a recommendation for facilities, programs, or other measures to benefit recreation or tourism.

(10) *Indian tribe* means, in reference to a proposal to apply for a license or exemption for a hydropower project, an Indian tribe which is recognized by treaty with the United States, by federal statute, or by the U.S. Department of the Interior in its periodic listing of tribal governments in the FEDERAL REGISTER in accordance with 25 CFR 83.6(b), and whose legal rights as a tribe may be affected by the development and operation of the hydropower project proposed (as where the operation of the proposed project could interfere with the management and harvest of anadromous fish or where the project works would be located within the tribe’s reservation).

(11)(i) *Initial development application* means any acceptable application for either a license or exemption from licensing for a proposed water power project that would develop, conserve, and utilize, in whole or in part, water resources for which no other acceptable application for a license or exemption from licensing has been submitted for filing and is pending before the Commission.

(ii) *Initial preliminary permit application* means any acceptable application for a preliminary permit for a proposed water power project that would develop, conserve, and utilize, in whole or in part, water resources for which no other acceptable preliminary permit application has been submitted for filing and is pending before the Commission.

(12) *Install or increase*, for the purposes of provisions governing application for exemption of a small hydroelectric power project, means to add new generating capacity at a site that has no existing generating units, to replace or rehabilitate an abandoned or

unused existing generating unit, or to increase the generating capacity of any existing power plant by installing an additional generating unit or by rehabilitating an operable generating unit in a way that increases its rated electric power output.

(13) *Licensed water power project* means a project, as defined in section 3(11) of the Federal Power Act, that is licensed under Part I of the Federal Power Act.

(14) *Major modified project* means any major project—existing dam, as defined in paragraph (b)(16) of this section, that would include:

(i) Any repair, modification or reconstruction of an existing dam that would result in a significant change in the normal maximum surface area or the normal maximum surface elevation of an existing impoundment; or

(ii) Any change in existing project works or operations that would result in a significant environmental impact.

(15) *Major unconstructed project* means any unlicensed water power project that would:

(i) Have a total installed generating capacity of more than 1.5 MW; and

(ii) Use the water power potential of a dam and impoundment which, at the time application is filed, have not been constructed.

(16) *Major project—existing dam* means a licensed or unlicensed, existing or proposed water power project that would:

(i) Have a total installed generating capacity or more than 2,000 horsepower (1.5 MW); and

(ii) Not use the water power potential provided by any dam except an existing dam.

(17) *Minor water power project* means any licensed or unlicensed, existing or proposed water power project that would have a total installed generation capacity of 2,000 horsepower (1.5 MW), or less.

(18) *New development*, for the purposes of provisions governing application for license of a major project—existing dam, means any construction, installation, repair, reconstruction, or other change in the existing state of project works or appurtenant facilities, including any dredging and filling in project waters.

(19) *New license* means any license, except an annual license issued under section 15 of the Federal Power Act, for a water power project that is issued under the Federal Power Act after the initial license for that project.

(20)(i) *Non-Federal lands*, for the purposes of provisions governing application for exemption of a small conduit hydroelectric facility, means any lands except lands to which the United States holds fee title.

(ii) *Non-Federal lands*, for the purposes of provisions governing application for exemption of a small hydroelectric power project, mean any lands other than Federal lands defined in paragraph (b)(8) of this section.

(21) *Person* means any individual and, as defined in section 3 of the Federal Power Act, any corporation, municipality, or state.

(22) *Project*, for the purposes of provisions governing application for exemption of a small hydroelectric power project, means:

(i) The impoundment and any associated dam, intake, water conveyance facility, power plant, primary transmission line, and other appurtenant facility if a lake or similar natural impoundment or a manmade impoundment is used for power generation; or

(ii) Any diversion structure other than a dam and any associated water conveyance facility, power plant, primary transmission line, and other appurtenant facility if a natural water feature other than a lake or similar natural impoundment is used for power generation.

(23) *Qualified exemption applicant* means any person who meets the requirements specified in § 4.31(c)(2) with respect to a small hydroelectric power project for which exemption from licensing is sought.

(24) *Qualified license applicant* means any person to whom the Commission may issue a license, as specified in section 4(e) of the Federal Power Act.

(25) *Ready for environmental analysis* means the point in the processing of an application for an original or new license or exemption from licensing which has been accepted for filing, where substantially all additional information requested by the Commission has been filed and found adequate.

(26) *Real property interests*, for the purposes of provisions governing application for exemption of a small conduit hydroelectric facility or a small hydroelectric power project, includes ownership in fee, rights-of-way, easements, or leaseholds.

(27) *Resource agency* means a Federal, state, or interstate agency exercising administration over the areas of flood control, navigation, irrigation, recreation, fish and wildlife, water resource management (including water rights), or cultural or other relevant resources of the state or states in which a project is or will be located.

(28) *Small conduit hydroelectric facility* means an existing or proposed hydroelectric facility that is constructed, operated, or maintained for the generation of electric power, and includes all structures, fixtures, equipment, and lands used and useful in the operation or maintenance of the hydroelectric facility, but excludes the conduit on which the hydroelectric facility is located or the transmission lines associated with the hydroelectric facility and which:

(i) Utilizes for electric power generation the hydroelectric potential of a conduit;

(ii) Is located entirely on non-Federal lands, as defined in paragraph (b)(20)(i) of this section;

(iii) Has an installed generating capacity of 15 MW or less;

(iv) Is not an integral part of a dam;

(v) Discharges the water it uses for power generation either:

(A) Into a conduit;

(B) Directly to a point of agricultural, municipal, or industrial consumption; or

(C) Into a natural water body if a quantity of water equal to or greater than the quantity discharged from the hydroelectric facility is withdrawn from that water body downstream into a conduit that is part of the same water supply system as the conduit on which the hydroelectric facility is located; and

(vi) Does not rely upon construction of a dam, which construction will create any portion of the hydrostatic head that the facility uses for power generation unless that construction would occur for agricultural, municipal, or

industrial consumptive purposes even if hydroelectric generating facilities were not installed.

(29) *Small hydroelectric power project* means any project in which capacity will be installed or increased after the date of notice of exemption or application under subpart K of this chapter, which will have a total installed capacity of not more than 5 MW, and which:

(i) Would utilize for electric power generation the water power potential of an existing dam that is not owned or operated by the United States or by an instrumentality of the Federal Government, including the Tennessee Valley Authority; or

(ii)(A) Would utilize for the generation of electricity a natural water feature, such as a natural lake, waterfall, or the gradient of a natural stream, without the need for a dam or man-made impoundment; and

(B) Would not retain water behind any structure for the purpose of a storage and release operation.

(30) *PURPA benefits* means benefits under section 210 of the Public Utility Regulatory Policies Act of 1978 (PURPA). Section 210(a) of PURPA requires electric utilities to purchase electricity from, and to sell electricity to, qualifying facilities.

[Order 413, 50 FR 11676, Mar. 25, 1985, as amended by Order 487, 52 FR 48404, Dec. 22, 1987; Order 499, 53 FR 27001, July 18, 1988; Order 503, 53 FR 36567, Sept. 21, 1988; Order 533, 56 FR 23146, May 20, 1991; 56 FR 61154, Dec. 2, 1991; Order 533-A, 57 FR 10809, Mar. 31, 1992; 59 FR 10577, Mar. 7, 1994]

**§4.31 Initial or competing application: who may file.**

(a) *Application for a preliminary permit or a license.* Any citizen, association of citizens, domestic corporation, municipality, or state may submit for filing an initial application or a competing application for a preliminary permit or a license for a water power project under Part I of the Federal Power Act.

(b) *Application for exemption of a small conduit hydroelectric facility—(1) Exemption from provisions other than licensing.* Any citizen, association of citizens, domestic corporation, municipality, or state that has all of the real property interests in the lands necessary to develop and operate that project, or an

option to obtain those interests, may apply for exemption of a small conduit hydroelectric facility from provisions of Part I of the Federal Power Act, other than licensing provisions.

(2) *Exemption from licensing.* Any person having all the real property interests in the lands necessary to develop and operate the small conduit hydroelectric facility, or an option to obtain those interests, may apply for exemption of that facility from licensing under Part I of the Federal Power Act.

(c) *Application for case-specific exemption of a small hydroelectric power project—*(1) *Exemption from provisions other than licensing.* Any qualified license applicant or licensee seeking amendment of its license may apply for exemption of the related project from provisions of Part I of the Federal Power Act other than licensing provisions.

(2) *Exemption from licensing—*(i) *Only Federal lands involved.* If only rights to use or occupy Federal lands would be necessary to develop and operate the proposed small hydroelectric power project, any person may apply for exemption of that project from licensing.

(ii) *Some non-Federal lands involved.* If real property interests in any non-Federal lands would be necessary to develop and operate the proposed small hydroelectric power project, any person who has all of the real property interests in non-Federal lands necessary to develop and operate that project, or an option to obtain those interests, may apply for exemption of that project from licensing.

[Order 413, 50 FR 11678, Mar. 25, 1985]

**§ 4.32 Acceptance for filing or rejection; information to be made available to the public; requests for additional studies.**

(a) Each application must:

(1) For a preliminary permit or license, identify every person, citizen, association of citizens, domestic corporation, municipality, or state that has or intends to obtain and will maintain any proprietary right necessary to construct, operate, or maintain the project;

(2) For a preliminary permit or a license, identify (providing names and mailing addresses):

(i) Every county in which any part of the project, and any Federal facilities that would be used by the project, would be located;

(ii) Every city, town, or similar local political subdivision:

(A) In which any part of the project, and any Federal facilities that would be used by the project, would be located; or

(B) That has a population of 5,000 or more people and is located within 15 miles of the project dam;

(iii) Every irrigation district, drainage district, or similar special purpose political subdivision:

(A) In which any part of the project, and any Federal facilities that would be used by the project, would be located; or

(B) That owns, operates, maintains, or uses any project facilities or any Federal facilities that would be used by the project;

(iv) Every other political subdivision in the general area of the project that there is reason to believe would likely be interested in, or affected by, the application; and

(v) All Indian tribes that may be affected by the project.

(3)(i) For a license (other than a license under section 15 of the Federal Power Act) state that the applicant has made, either at the time of or before filing the application, a good faith effort to give notification by certified mail of the filing of the application to:

(A) Every property owner of record of any interest in the property within the bounds of the project, or in the case of the project without a specific boundary, each such owner of property which would underlie or be adjacent to any project works including any impoundments; and

(B) The entities identified in paragraph (a)(2) of this section, as well as any other Federal, state, municipal or other local government agencies that there is reason to believe would likely be interested in or affected by such application.

(ii) Such notification must contain the name, business address, and telephone number of the applicant and a copy of the Exhibit G contained in the

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application, and must state that a license application is being filed with the Commission.

(4)(i) As to any facts alleged in the application or other materials filed, be subscribed and verified under oath in the form set forth in paragraph (a) (3)(ii) of this section by the person filing, an officer thereof, or other person having knowledge of the matters sent forth. If the subscription and verification is by anyone other than the person filing or an officer thereof, it shall include a statement of the reasons therefor.

(ii) This (application, etc.) is executed in the

State of \_\_\_\_\_  
County of \_\_\_\_\_  
by: \_\_\_\_\_  
(Name) \_\_\_\_\_  
(Address) \_\_\_\_\_

being duly sworn, depose(s) and say(s) that the contents of this (application, etc.) are true to the best of (his or her) knowledge or belief. The undersigned applicant(s) has (have) signed the (application, etc.) this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_.

(Applicant(s))  
By: \_\_\_\_\_

Subscribed and sworn to before me, a [Notary Public, or title of other official authorized by the state to notarize documents, as appropriate] of the State of \_\_\_\_\_ this day of \_\_\_\_\_, 19\_\_.

/SEAL/ [if any]

\_\_\_\_\_  
(Notary Public, or other authorized official)

(5) Contain the information and documents prescribed in the following sections of this chapter, according to the type of application:

- (i) Preliminary permit: §4.81;
- (ii) License for a minor water power project and a major water power project 5 MW or less: §4.61;
- (iii) License for a major unconstructed project and a major modified project: §4.41;
- (iv) License for a major project—existing dam: §4.51;
- (v) License for a transmission line only: §4.71;
- (vi) Nonpower license for a licensed project: §16.7;

(vii) Exemption of a small conduit hydroelectric facility: §4.92;

(viii) Case-specific exemption of a small hydroelectric power project: §4.107; or

(ix) License or exemption for a project located at a new dam or diversion where the applicant seeks PURPA benefits: §292.208.

(b) (1) Each applicant for a preliminary permit, license, and transfer or surrender of license and each petitioner for surrender of an exemption must submit to the Commission's Secretary for filing an original and eight copies of the application or petition. The applicant or petitioner must serve one copy of the application or petition on the Director of the Commission's Regional Office for the appropriate region and on each resource agency consulted pursuant to §4.38 or §16.8 of this chapter. In the case of an application for a preliminary permit, the applicant must, if the Commission so directs, serve copies of the application on the U.S. Department of the Interior and the U.S. Army Corps of Engineers. The application may include reduced prints of maps and drawings conforming to §4.39(d). The originals (microfilm) of maps and drawings are not to be filed initially, but will be required pursuant to paragraph (d) of this section. The Commission may also ask for the filing of full-sized prints in appropriate cases.

(2) Each applicant for exemption must submit to the Commission's Secretary for filing an original and eight copies of the application. An applicant must serve one copy of the application on the Director of the Commission's Regional Office for the appropriate region and on each resource agency consulted pursuant to §4.38. Maps and drawings need not conform to the requirements of §4.39, but must be of sufficient size, scale, and quality to permit each reading and understanding. The originals (microfilm) of maps and drawings are not to be filed initially, but will be requested pursuant to paragraph (d) of this section.

(3)(i) An applicant must make information regarding its proposed project reasonably available to the public for inspection and reproduction, from the date on which the applicant files its application for a license or exemption

until the licensing or exemption proceeding for the project is terminated by the Commission. This information includes a copy of the complete application for license or exemption, together with all exhibits, appendices and any amendments, and any comments, pleadings, supplementary or additional information, or correspondence filed by the applicant with the Commission in connection with the application.

(ii) An applicant must delete from any information made available to the public under this section, specific site or property locations the disclosure of which would create a risk of harm, theft, or destruction of archeological or Native American cultural resources or to the site at which the sources are located, or would violate any federal law, including the Archaeological Resources Protection Act of 1979, 16 U.S.C. 470w-3, and the National Historic Preservation Act of 1966, 16 U.S.C. 470hh.

(4)(i) An applicant must make available the information specified in paragraph (b)(3) of this section in a form that is readily accessible, reviewable, and reproducible, at the same time as the information is filed with the Commission or required by regulation to be made available.

(ii) An applicant must make the information specified in paragraph (b)(3) of this section available to the public for inspection:

(A) At its principal place of business or at any other location that is more accessible to the public, provided that all the information is available in at least one location;

(B) During regular business hours; and

(C) In a form that is readily accessible, reviewable and reproducible.

(iii) The applicant must provide a copy of the complete application (as amended) to a public library or other convenient public office located in each county in which the proposed project is located.

(iv) An applicant must make requested copies of the information specified in paragraph (b)(3) of this section available either:

(A) At its principal place of business or at any other location that is more

accessible to the public, after obtaining reimbursement for reasonable costs of reproduction; or

(B) Through the mail, after obtaining reimbursement for postage fees and reasonable costs of reproduction.

(5) Anyone may file a petition with the Commission requesting access to the information specified in paragraph (b)(3) of this section if it believes that an applicant is not making the information reasonably available for public inspection or reproduction. The petition must describe in detail the basis for the petitioner's belief.

(6) An applicant must publish notice twice of the filing of its application, no later than 14 days after the filing date, in a daily or weekly newspaper of general circulation in each county in which the project is located. The notice must disclose the filing date of the application and briefly summarize it, including the applicant's name and address, the type of facility applied for, its proposed location, the places where the information specified in paragraph (b)(3) of this section is available for inspection and reproduction, and the date by which any requests for additional scientific studies are due under paragraph (b)(7) of this section, and must state that the Commission will publish subsequent notices soliciting public participation if the application is found acceptable for filing. The applicant must promptly provide the Commission with proof of the publications of this notice.

(7) If any resource agency, Indian tribe, or person believes that an additional scientific study should be conducted in order to form an adequate factual basis for a complete analysis of the application on its merits, the resource agency, Indian tribe, or person must file a request for the study with the Commission not later than 60 days after the application is filed and serve a copy of the request on the applicant. The Commission will issue public notice of the tendering for filing of each application for hydropower license or exemption; each such applicant must submit a draft of this notice to the Commission with its application. For any such additional study request, the requester must describe the recommended study and the basis for the

request in detail, including who should conduct and participate in the study, its methodology and objectives, whether the recommended study methods are generally accepted in the Scientific community, how the study and information sought will be useful in furthering the resource goals that are affected by the proposed facilities, and approximately how long the study will take to complete, and must explain why the study objectives cannot be achieved using the data already available. In addition, in the case of a study request by a resource agency or Indian tribe that had failed to request the study during the pre-filing consultation process under §4.38 of this part or §16.8 of this chapter, the agency or Indian tribe must explain why this request was not made during the pre-filing consultation process and show good cause why its request for the study should be considered by the Commission.

(8) An applicant may file a response to any such study request within 30 days of its filing, serving a copy of the response on the requester.

(9) The requirements of paragraphs (b)(3) to (b)(8) of this section only apply to an application for license or exemption filed on or after May 20, 1991. Paragraphs (b)(3) and (b)(4) of this section do not apply to applications subject to the requirements of §16.7 of this chapter.

(c)(1) Every application for a license or exemption for a project with a capacity of 80 megawatts or less must include in its application copies of the statements made under §4.38(b)(1)(vi).

(2) If an applicant reverses a statement of intent not to seek PURPA benefits:

(i) Prior to the Commission issuing a license or exemption, the reversal of intent will be treated as an amendment of the application under §4.35 and the applicant must:

(A) Repeat the pre-filing consultation process under §4.38; and

(B) Satisfy all the requirements in §292.208 of this chapter; or

(ii) After the Commission issues a license or exemption for the project, the applicant is prohibited from obtaining PURPA benefits.

(d) When any application is found to conform to the requirements of paragraphs (a), (b) and (c) of this section, the Commission or its delegate will:

(1) Notify the applicant that the application has been accepted for filing, specifying the project number assigned and the date upon which the application was accepted for filing, and, for a license or exemption application, direct the filing of the originals (microfilm) of required maps and drawings;

(2)(i) For an application for a preliminary permit or a license, issue public notice of the application as required in the Federal Power Act;

(ii) For an application for exemption from licensing, publish notice once in a daily or weekly newspaper of general circulation in each county in which the project is or will be located; and

(3) If the project affects lands of the United States, notify the appropriate Federal office of the application and the specific lands affected, pursuant to section 24 of the Federal Power Act.

(4) For an application for a license seeking benefits under section 210 of the Public Utility Regulatory Policies Act of 1978, as amended, for a project that would be located at a new dam or diversion, serve the public notice issued for the application under paragraph (d)(2)(i) of this section to interested agencies at the time the applicant is notified that the application is accepted for filing.

(e) In order for an application to conform adequately to the requirements of paragraphs (a), (b) and (c) of this section and of §4.38, an application must be completed fully. No blanks should be left in the application. No material or information required in the application should be omitted. If an applicant believes that its application conforms adequately without containing certain required material or information, it must explain in detail why the material or information is not being submitted and what steps were taken by the applicant to provide the material or information. If the Commission finds that an application does not adequately conform to the requirements of paragraphs (a), (b) and (c) of this section and of §4.38, the Commission or its designee will consider the application either deficient or patently deficient.

(1) *Deficient applications.* (i) An application that in the judgment of the Director of the Office of Hydropower Licensing does not conform to the requirements of paragraphs (a), (b) and (c) of this section and of § 4.38, may be considered deficient. An applicant having a deficient application will be afforded additional time to correct deficiencies, not to exceed 45 days from the date of notification in the case of an application for a preliminary permit or exemption from licensing or 90 days from the date of notification in the case of an application for license. Notification will be by letter or, in the case of minor deficiencies, by telephone. Any notification will specify the deficiencies to be corrected. Deficiencies must be corrected by submitting an original and the number of copies specified in paragraph (b) of this section of the specified materials or information to the Secretary within the time specified in the notification of deficiency.

(ii) Upon submission of a conforming application, action will be taken in accordance with paragraph (d) of this section.

(iii) If the revised application is found not to conform to the requirements of paragraphs (a), (b) and (c) of this section and of § 4.38, or if the revisions are not timely submitted, the revised application will be rejected. Procedures for rejected applications are specified in paragraph (e)(2)(iii).

(2) *Patently deficient applications.* (i) If, within 90 days of its filing date, the Director of the Office of Hydropower Licensing determines that an application patently fails to substantially comply with the requirements of paragraph (a), (b), and (c) of this section and of § 4.38 of this part or § 16.8 of this chapter, or is for a project that is precluded by law, the application will be rejected as patently deficient with the specification of the deficiencies that render the application patently deficient.

(ii) If, after 90 days of its filing date, the Director of the Office of Hydropower Licensing determines that an application patently fails to substantially comply with the requirements of paragraphs (a), (b), and (c) of this section and of § 4.38 of this part or § 16.8 of

this chapter, or is for a project that is precluded by law:

(A) The application will be rejected by order of the Commission, if the Commission determines it is patently deficient; or

(B) The application will be considered deficient under paragraph (e)(1) of this section, if the Commission determines it is not patently deficient.

(iii) Any application that is rejected may be resubmitted if the deficiencies are corrected and if, in the case of a competing application, the resubmittal is timely. The date the rejected application is resubmitted will be considered the new filing date for purposes of determining its timeliness under § 4.36 and the disposition of competing applications under § 4.37.

(f) Any application will be considered *accepted for filing* as of the application filing date if the Secretary receives all of the information and documents necessary to conform to the requirements of paragraphs (a), (b) and (c) of this section and of § 4.38 within the time prescribed by the Commission or its delegate under paragraph (e) of this section.

(g) An applicant may be required to submit any additional information or documents that the Commission or its designee considers relevant for an informed decision on the application. The information or documents must take the form, and must be submitted within the time, that the Commission or its designee prescribes. An applicant may also be required to provide within a specified time additional copies of the complete application, or any of the additional information or documents that are filed, to the Commission or to any person, agency, or other entity that the Commission or its designee specifies. If an applicant fails to provide timely additional information, documents, or copies of submitted materials as required, the Commission or its designee may dismiss the application, hold it in abeyance, or take other appropriate action under this chapter or the Federal Power Act.

(h) A prospective applicant, prior to submitting its application for filing, may seek advice from the Commission staff regarding the sufficiency of the

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application. For this purpose, five copies of the draft application should be submitted to the Director of the Division of Project Management. An applicant or prospective applicant may confer with the Commission staff at any time regarding deficiencies or other matters related to its application. All conferences are subject to the requirements of § 385.2201 of this chapter governing ex parte communications. The opinions or advice of the staff will not bind the Commission or any person delegated authority to act on its behalf.

(i) Intervention in any preliminary permit proceeding will not constitute intervention in any subsequent licensing or exemption proceeding.

(j) Any application, the effectiveness of which is conditioned upon the future occurrence of any event or circumstance, will be rejected.

[Order 413, 50 FR 11678, Mar. 25, 1985, as amended by Order 480, 52 FR 37285, Oct. 6, 1987; Order 487, 52 FR 48404, Dec. 22, 1987; Order 499, 53 FR 27001, July 18, 1988; Order 533, 56 FR 23147, May 20, 1991; 56 FR 61155, Dec. 2, 1991; Order 540, 57 FR 21737, May 22, 1992]

#### § 4.33 Limitations on submitting applications.

(a) *Limitations on submission and acceptance of a preliminary permit application.* The Commission will not accept an application for a preliminary permit for project works that:

(1) Would develop, conserve, and utilize, in whole or in part, the same water resources that would be developed, conserved, and utilized by a project for which there is an unexpired preliminary permit.

(2) Would develop, conserve, and utilize, in whole or in part, the same water resources that would be developed, conserved, and utilized by a project for which an initial development application has been filed unless the preliminary permit application is filed not later than the time allowed under § 4.36(a) for the filing of applications in competition against an initial application for a preliminary permit that would develop, conserve, and utilize, in whole or in part, the same resources.

(b) *Limitations on submission and acceptance of a license application.* The

Commission will not accept an application for a license for project works that would develop, conserve, and utilize, in whole or in part, the same water resources that would be developed, conserved, and utilized by a project for which there is an unexpired preliminary permit, unless the permittee has submitted an application for license.

(c) *Limitations on submission and acceptance of an application for a license that would affect an exempted project.* (1) Except as permitted under § 4.33(c)(2), § 4.94(d), or § 4.106 (c), (e) or (f), the Commission will not accept an application for a license for project works that are already exempted from licensing under this part.

(2) If a project is exempted from licensing pursuant to § 4.103 or § 4.109 and real property interests in any non-Federal lands would be necessary to develop or operate the project, any person who is both a qualified license applicant and has any of those real property interests in non-Federal lands may submit a license application for that project. If a license application is submitted under this clause, any other qualified license applicant may submit a competing license application in accordance with § 4.36.

(d) *Limitations on submission and acceptance of exemption applications—(1) Unexpired permit or license.* (i) If there is an unexpired permit in effect for a project, the Commission will accept an application for exemption of that project from licensing only if the exemption applicant is the permittee. Upon acceptance for filing of the permittee's application, the permit will be considered to have expired.

(ii) If there is an unexpired license in effect for a project, the Commission will accept an application for exemption of that project from licensing only if the exemption applicant is the licensee.

(2) *Pending license applications.* If an accepted license application for a project was submitted by a permittee before the preliminary permit expired, the Commission will not accept an application for exemption of that project from licensing submitted by a person other than the former permittee.

(3) *Submitted by qualified exemption applicant.* If the first accepted license application for a project was filed by a qualified exemption applicant, the applicant may request that its license application be treated initially as an application for exemption from licensing by so notifying the Commission in writing and, unless only rights to use or occupy Federal lands would be necessary to develop and operate the project, by submitting documentary evidence showing that the applicant holds the real property interests required under § 4.31. Such notice and documentation must be submitted not later than the last date for filing protests or motions to intervene prescribed in the public notice issued for its license application under § 4.32(d)(2).

(e) *Priority of exemption applicant's earlier permit or license application.* Any accepted preliminary permit or license application submitted by a person who later applies for exemption of the project from licensing will retain its validity and priority under this subpart until the preliminary permit or license application is withdrawn or the project is exempted from licensing.

[Order 413, 50 FR 11680, Mar. 25, 1985, as amended by Order 499, 53 FR 27002, July 18, 1988]

**§ 4.34 Hearings on applications; consultation on terms and conditions; motions to intervene; alternative procedures.**

(a) *Trial-type hearing.* The Commission may order a trial-type hearing on an application for a preliminary permit, a license, or an exemption from licensing upon either its own motion or the motion of any interested party of record. Any trial-type hearing will be limited to the issues prescribed by order of the Commission. In all other cases the hearings will be conducted by notice and comment procedures.

(b) *Notice and comment hearings.* All comments (including mandatory and recommended terms and conditions or prescriptions) on an application for exemption or license must be filed with the Commission no later than 60 days after issuance by the Commission of public notice declaring that the application is ready for environmental analysis. All reply comments must be filed

within 105 days of that notice. All comments and reply comments and all other filings described in this section must be served on all persons listed in the service list prepared by the Commission, in accordance with the requirements of § 385.2010 of this chapter. If a party or interceder (as defined in § 385.2201 of this Chapter) submits any written material to the Commission relating to the merits of an issue that may affect the responsibilities of a particular resource agency, the party or interceder must also serve a copy of the submission on this resource agency. The Commission may allow for longer comment or reply comment periods if appropriate. A commenter or reply commenter may obtain an extension of time from the Commission only upon a showing of good cause or extraordinary circumstances in accordance with § 385.2008 of this chapter. Late-filed fish and wildlife recommendations will not be subject to the requirements of paragraphs (e), (f)(1)(ii), and (f)(3) of this section, and late-filed terms and conditions or prescriptions will not be subject to the requirements of paragraphs (f)(1)(iv), (f)(1)(v), and (f)(2) of this section. Late-filed fish and wildlife recommendations, terms and conditions, or prescriptions will be considered by the Commission under section 10(a) of the Federal Power Act if such consideration would not delay or disrupt the proceeding.

(1) *Agencies responsible for mandatory terms and conditions and presentations.* Any agency responsible for mandatory terms and conditions or prescriptions for licenses or exemptions, pursuant to sections 4(e), 18, and 30(c) of the Federal Power Act and section 405(d) of the Public Utility Regulatory Policies Act of 1978, as amended, must provide these terms and conditions or prescriptions in its initial comments filed with the Commission pursuant to paragraph (b) of this section. In those comments, the agency must specifically identify and explain the mandatory terms and conditions or prescriptions and their evidentiary and legal basis. If ongoing agency proceedings to determine the terms and conditions or prescriptions

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are not completed by the date specified, the agency must submit to the Commission by the due date:

(i) Preliminary terms and conditions or prescriptions and a schedule showing the status of the agency proceedings and when the terms and conditions or prescriptions are expected to become final; or

(ii) A statement waiving the agency's right to file the terms and conditions or prescriptions or indicating the agency does not intend to file terms and conditions or prescriptions.

(2) *Fish and Wildlife agencies and Indian tribes.* All fish and wildlife agencies must set forth any recommended terms and conditions for the protection, mitigation of damages to, or enhancement of fish and wildlife, pursuant to the Fish and Wildlife Coordination Act and section 10(j) of the Federal Power Act, in their initial comments filed with the Commission by the date specified in paragraph (b) of this section. All Indian tribes must submit recommendations (including fish and wildlife recommendations) by the same date. In those comments, a fish and wildlife agency or Indian tribe must discuss its understanding of the resource issues presented by the proposed facilities and the evidentiary basis for the recommended terms and conditions.

(3) *Other Government agencies and members of the public.* Resource agencies, other governmental units, and members of the public must file their recommendations in their initial comments by the date specified in paragraph (b) of this section. The comments must clearly identify all recommendations and present their evidentiary basis.

(4) *Submission of modified recommendations, terms and conditions or prescriptions.* (i) If the information and analysis (including reasonable alternatives) presented in a draft environmental impact statement, issued for comment by the Commission, indicate a need to modify the recommendations or terms and conditions or prescriptions previously submitted to the Commission pursuant to paragraphs (b)(1), (b)(2), or (b)(3) of this section, the agency, Indian tribe, or member of the public must file with the Commission any

modified recommendations or terms and conditions or prescriptions on the proposed project (and reasonable alternatives) no later than the due date for comments on the draft environmental impact statement. Modified recommendations or terms and conditions or prescriptions must be clearly distinguished from comments on the draft statement.

(ii) If an applicant files an amendment to its application that would materially change the project's proposed plans of development, as provided in § 4.35, an agency, Indian tribe or member of the public may modify the recommendations or terms and conditions or prescriptions it previously submitted to the Commission pursuant to paragraphs (b)(1), (b)(2), or (b)(3) of this section no later than the due date specified by the Commission for comments on the amendment.

(c) *Additional procedures.* If necessary or appropriate the Commission may require additional procedures (*e.g.*, a pre-hearing conference, further notice and comment on specific issues or oral argument). A party may request additional procedures in a motion that clearly and specifically sets forth the procedures requested and the basis for the request. Replies to such requests may be filed within 15 days of the request.

(d) *Consultation procedures.* Pursuant to the Federal Power Act and the Public Utility Regulatory Policies Act of 1978, as amended, the Commission will coordinate as appropriate with other government agencies responsible for mandatory terms and conditions for exemptions and licenses for hydro-power projects. Pursuant to the Federal Power Act and the Fish and Wildlife Coordination Act, the Commission will consult with fish and wildlife agencies concerning the impact of a hydro-power proposal on fish and wildlife and appropriate terms and conditions for license to adequately and equitably protect, mitigate damages to, and enhance fish and wildlife (including related spawning grounds and habitat). Pursuant to the Federal Power Act and the Endangered Species Act, the Commission will consult with the U.S. Fish and Wildlife Service or the National

Marine Fisheries Service, as appropriate, concerning the impact of a hydropower proposal on endangered or threatened species and their critical habitat.

(e) *Consultation on recommended fish and wildlife conditions; section 10(j) process.* (1) In connection with its environmental review of an application for license, the Commission will analyze all terms and conditions timely recommended by fish and wildlife agencies pursuant to the Fish and Wildlife Coordination Act for the protection, mitigation of damages to, and enhancement of fish and wildlife affected by the development, operation, and management of the proposed project. Submission of such recommendations marks the beginning of the process under section 10(j) of the Federal Power Act.

(2) Within 45 days of the filing of any fish and wildlife recommendation, the Commission may seek clarification of it, unless this deadline is extended by the Commission upon notice to the fish and wildlife agency concerned. If the Commission's request for clarification is communicated in writing, copies of the request will be sent by the Commission to all parties, affected resource agencies, and Indian tribes, which may file a response to the request for clarification within the time period specified by the Commission.

(3) The Commission will make a preliminary determination of inconsistency of the fish and wildlife recommendation with the purposes and requirements of the Federal Power Act or other applicable law. This preliminary determination will be done in writing and shall include an explanation of its basis, including appropriate references to the environmental analysis conducted on the license application. A copy of the environmental analysis will be provided with the determination, and will be sent to all parties, affected resource agencies, and Indian tribes.

(4) Any party, affected resource agency, or Indian tribe may file comments in response to the preliminary determination of inconsistency within 45 days of its issuance. In this filing, the fish and wildlife agency concerned may also request a meeting, telephone or video conference or other additional

procedure to attempt to resolve any preliminary determination of inconsistency.

(5) If the Commission decides to conduct any meeting, telephone or video conference, or other procedure to address issues raised by its preliminary determination of inconsistency and comments thereon, the Commission will give at least 15 days' advance notice to each party, affected resource agency, or Indian tribe, which may participate in the meeting or conference. Any meeting, conference, or additional procedure to address these issues will be scheduled to take place within 75 days of the date the Commission issues a preliminary determination of inconsistency. The Commission will prepare a written summary of any meeting held under this subsection to discuss 10(j) issues, and a copy of the summary will be sent to all parties, affected resource agencies, and Indian tribes. If the Commission believes that any fish and wildlife recommendation submitted by a fish and wildlife agency may be inconsistent with the purposes and requirements of the Federal Power Act or other applicable law, the Commission will attempt to resolve any such inconsistency by appropriate means, giving due weight to the recommendations, expertise, and statutory responsibilities of the fish and wildlife agency.

(6) The section 10(j) process ends when the Commission issues an order granting or denying the license application in question.

(f) *Licenses and exemption conditions and required findings*—(1) *License conditions.* (i) All licenses shall be issued on the conditions specified in section 10 of the Federal Power Act and such other conditions as the Commission determines are lawful and in the public interest.

(ii) Subject to paragraph (f)(3) of this section, fish and wildlife conditions shall be based on recommendations timely received from the fish and wildlife agencies pursuant to the Fish and Wildlife Coordination Act.

(iii) The Commission will consider the timely recommendations of resource agencies, other governmental units, and members of the public, and

the timely recommendations (including fish and wildlife recommendations) of Indian tribes affected by the project.

(iv) Licenses for a project located within any Federal reservation shall be issued only after the findings required by, and subject to any conditions that may be timely received pursuant to, section 4(e) of the Federal Power Act.

(v) The Commission will require the construction, maintenance, and operation by a licensee at its own expense of such fishways as may be timely prescribed by the Secretary of Commerce or the Secretary of the Interior, as appropriate, pursuant to section 18 of the Federal Power Act.

(2) *Exemption conditions.* Any exemption from licensing issued for conduit facilities, as provided in section 30 of the Federal Power Act, or for small hydroelectric power projects having a proposed installed capacity of 5,000 kilowatts or less, as provided in section 405(d) of the Public Utility Regulatory Policies Act of 1978, as amended, shall include such terms and conditions as the fish and wildlife agencies may timely determine are appropriate to carry out the responsibilities specified in section 30(c) of the Federal Power Act.

(3) *Required findings.* If, after attempting to resolve inconsistencies between the fish and wildlife recommendations of a fish and wildlife agency and the purposes and requirements of the Federal Power Act or other applicable law, the Commission does not adopt in whole or in part a fish and wildlife recommendation of a fish and wildlife agency, the Commission will publish the findings and statements required by section 10(j)(2) of the Federal Power Act.

(g) *Application.* The provisions of paragraphs (b) through (d) and (f) of this section apply only to applications for license or exemption; paragraph (e) applies only to applications for license.

(h) Unless otherwise provided by statute, regulation or order, all filings in hydropower hearings, except those conducted by trial-type procedures, shall consist of an original and eight copies.

(i) *Alternative procedures.* (1) An applicant may submit to the Commission a request to approve the use of alter-

native procedures for pre-filing consultation and the filing and processing of an application for an original, new or subsequent hydropower license or exemption that is subject to § 4.38 or § 16.8 of this chapter, or for the amendment of a license that is subject to the provisions of § 4.38.

(2) The goal of such alternative procedures shall be to:

(i) Combine into a single process the pre-filing consultation process, the environmental review process under the National Environmental Policy Act and administrative processes associated with the Clean Water Act and other statutes;

(ii) Facilitate greater participation by and improve communication among the potential applicant, resource agencies, Indian tribes, the public and Commission staff in a flexible pre-filing consultation process tailored to the circumstances of each case;

(iii) Allow for the preparation of a preliminary draft environmental assessment by an applicant or its contractor or consultant, or of a preliminary draft environmental impact statement by a contractor or consultant chosen by the Commission and funded by the applicant;

(iv) Promote cooperative efforts by the potential applicant and interested entities and encourage them to share information about resource impacts and mitigation and enhancement proposals and to narrow any areas of disagreement and reach agreement or settlement of the issues raised by the hydropower proposal; and

(v) Facilitate an orderly and expeditious review of an agreement or offer of settlement of an application for a hydropower license, exemption or amendment to a license.

(3) A potential hydropower applicant requesting the use of alternative procedures must:

(i) Demonstrate that a reasonable effort has been made to contact all resource agencies, Indian tribes, citizens' groups, and others affected by the applicant's proposal, and that a consensus exists that the use of alternative procedures is appropriate under the circumstances;

(ii) Submit a communications protocol, supported by interested entities,

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governing how the applicant and other participants in the pre-filing consultation process, including the Commission staff, may communicate with each other regarding the merits of the applicant's proposal and proposals and recommendations of interested entities; and

(iii) Serve a copy of the request on all affected resource agencies and Indian tribes and on all entities contacted by the applicant that have expressed an interest in the alternative pre-filing consultation process.

(4) As appropriate under the circumstances of the case, the alternative procedures should include provisions for:

(i) Distribution of an initial information package and conduct of an initial information meeting open to the public;

(ii) The cooperative scoping of environmental issues (including necessary scientific studies), the analysis of completed studies and any further scoping; and

(iii) The preparation of a preliminary draft environmental assessment or preliminary draft environmental impact statement and related application.

(5) The Commission will give public notice in the FEDERAL REGISTER inviting comment on the applicant's request to use alternative procedures. The Commission will consider any such comments in determining whether to grant or deny the applicant's request to use alternative procedures. Such a decision will not be subject to interlocutory rehearing or appeal.

(6) If the Commission accepts the use of alternative procedures, the following provisions will apply.

(i) To the extent feasible under the circumstances of the proceeding, the Commission will give notice in the FEDERAL REGISTER and the applicant will give notice, in a local newspaper of general circulation in the county or counties in which the project is located, of the initial information meeting and the scoping of environmental issues. The applicant will also send notice of these stages to a mailing list approved by the Commission.

(ii) Every six months, the applicant shall file with the Commission a report summarizing the progress made in the

pre-filing consultation process and referencing the applicant's public file, where additional information on that process can be obtained. Summaries or minutes of meetings held in the process may be used to satisfy this filing requirement. The applicant must also file with the Commission a copy of its initial information package, each scoping document, and the preliminary draft environmental review document. All filings with the Commission under this section must include the number of copies required by paragraph (h) of this section, and the applicant shall send a copy of these filings to each participant that requests a copy.

(iii) At a suitable location, the applicant will maintain a public file of all relevant documents, including scientific studies, correspondence, and minutes or summaries of meetings, compiled during the pre-filing consultation process. The Commission will maintain a public file of the applicant's initial information package, scoping documents, periodic reports on the pre-filing consultation process, and the preliminary draft environmental review document.

(iv) An applicant authorized to use alternative procedures may substitute a preliminary draft environmental review document and additional material specified by the Commission instead of Exhibit E to its application and need not supply additional documentation of the pre-filing consultation process. The applicant will file with the Commission the results of any studies conducted or other documentation as directed by the Commission, either on its own motion or in response to a motion by a party to the licensing or exemption proceeding.

(v) Pursuant to the procedures approved, the participants will set reasonable deadlines requiring all resource agencies, Indian tribes, citizens' groups, and interested persons to submit to the applicant requests for scientific studies during the pre-filing consultation process, and additional requests for studies may be made to the Commission after the filing of the application only for good cause shown.

(vi) During the pre-filing process the Commission may require the filing of

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preliminary fish and wildlife recommendations, prescriptions, mandatory conditions, and comments, to be submitted in final form after the filing of the application; no notice that the application is ready for environmental analysis need be given by the Commission after the filing of an application pursuant to these procedures.

(vii) Any potential applicant, resource agency, Indian tribe, citizens' group, or other entity participating in the alternative pre-filing consultation process may file a request with the Commission to resolve a dispute concerning the alternative process (including a dispute over required studies), but only after reasonable efforts have been made to resolve the dispute with other participants in the process. No such request shall be accepted for filing unless the entity submitting it certifies that it has been served on all other participants. The request must document what efforts have been made to resolve the dispute.

(7) If the potential applicant or any resource agency, Indian tribe, citizens' group, or other entity participating in the alternative pre-filing consultation process can show that it has cooperated in the process but a consensus supporting the use of the process no longer exists and that continued use of the alternative process will not be productive, the participant may petition the Commission for an order directing the use by the potential applicant of appropriate procedures to complete its application. No such request shall be accepted for filing unless the entity submitting it certifies that it has been served on all other participants. The request must recommend specific procedures that are appropriate under the circumstances.

(8) The Commission may participate in the pre-filing consultation process and assist in the integration of this process and the environmental review process in any case, including appropriate cases where the applicant, contractor, or consultant funded by the applicant is not preparing a preliminary draft environmental assessment or preliminary draft environmental impact statement, but where staff assistance is available and could expedite the proceeding.

(9) In all cases where the Commission has approved the use of alternative pre-filing consultation procedures prior to December 5, 1997, during the pre-filing process the potential applicant need not follow any additional requirements imposed by paragraph (i) of this section, if in so doing the applicant would repeat any steps already taken in the preparation of its application and supporting documentation or act inconsistently with any written agreement signed before December 5, 1997 by the applicant and the other participants in the alternative process.

[Order 533, 56 FR 23148, May 20, 1991, as amended at 56 FR 61155, Dec. 2, 1991; Order 540, 57 FR 21737, May 22, 1992; Order 596, 62 FR 59810, Nov. 5, 1997]

#### § 4.35 Amendment of application; date of acceptance.

(a) *General rule.* Except as provided in paragraph (d) of this section, if an applicant amends its filed application as described in paragraph (b) of this section, the date of acceptance of the application under § 4.32(f) is the date on which the amendment to the application was filed.

(b) Paragraph (a) of this section applies if an applicant:

(1) Amends its filed license or preliminary permit application in order to change the status or identity of the applicant or to materially amend the proposed plans of development; or

(2) Amends its filed application for exemption from licensing in order to materially amend the proposed plans of development, or

(3) Amends its filed application in order to change its statement of intent of whether or not it will seek benefits under section 210 of PURPA, as originally filed under § 4.32(c)(1).

(c) An application amended under paragraph (a) is a new filing for:

(1) The purpose of determining its timeliness under § 4.36 of this part;

(2) Disposing of competing applications under § 4.37; and

(3) Reissuing public notice of the application under § 4.32(d)(2).

(d) If an application is amended under paragraph (a) of this section, the Commission will rescind any acceptance letter already issued for the application.

(e) *Exceptions.* This section does not apply to:

(1) Any corrections of deficiencies made pursuant to § 4.32(e)(1);

(2) Any amendments made pursuant to § 4.37(b)(4) by a State or a municipality to its proposed plans of development to make them as well adapted as the proposed plans of an applicant that is not a state or a municipality;

(3) Any amendments made pursuant to § 4.37(c)(2) by a priority applicant to its proposed plans of development to make them as well adapted as the proposed plans of an applicant that is not a priority applicant;

(4) Any amendments made by a license or an exemption applicant to its proposed plans of development to satisfy requests of resource agencies or Indian tribes submitted after an applicant has consulted under § 4.38 or concerns of the Commission; and

(5)(i) Any license or exemption applicant with a project located at a new dam or diversion who is seeking PURPA benefits and who:

(A) Has filed an adverse environmental effects (AEE) petition pursuant to § 292.211 of this chapter; and

(B) Has proposed measures to mitigate the adverse environmental effects which the Commission, in its initial determination on the AEE petition, stated the project will have.

(ii) This exception does not protect any proposed mitigative measures that the Commission finds are a pretext to avoid the consequences of materially amending the application or are outside the scope of mitigating the adverse environmental effects.

(f) *Definitions.* (1) For the purposes of this section, a material amendment to plans of development proposed in an application for a license or exemption from licensing means any fundamental and significant change, including but not limited to:

(i) A change in the installed capacity, or the number or location of any generating units of the proposed project if the change would significantly modify the flow regime associated with the project;

(ii) A material change in the location, size, or composition of the dam, the location of the powerhouse, or the

size and elevation of the reservoir if the change would:

(A) Enlarge, reduce, or relocate the area of the body of water that would lie between the farthest reach of the proposed impoundment and the point of discharge from the powerhouse; or

(B) Cause adverse environmental impacts not previously discussed in the original application; or

(iii) A change in the number of discrete units or development to be included within the project boundary.

(2) For purposes of this section, a material amendment to plans of development proposed in an application for a preliminary permit means a material change in the location of the powerhouse or the size and elevation of the reservoir if the change would enlarge, reduce, or relocate the area of the body of water that would lie between the farthest reach of the proposed impoundment and the point of discharge from the powerhouse.

(3) For purposes of this section, a change in the status of an applicant means:

(i) The acquisition or loss of preference as a state or a municipality under section 7(a) of the Federal Power Act; or

(ii) The loss of priority as a permittee under section 5 of the Federal Power Act.

(4) For purposes of this section, a change in the identity of an applicant means a change that either singly, or together with previous amendments, causes a total substitution of all the original applicants in a permit or a license application.

[Order 413, 50 FR 11680, Mar. 25, 1985, as amended by Order 499, 53 FR 27002, July 18, 1988; Order 533, 56 FR 23149, May 20, 1991]

**§ 4.36 Competing applications: deadlines for filing; notices of intent; comparisons of plans of development.**

The public notice of an initial preliminary permit application or an initial development application shall prescribe the deadline for filing protests and motions to intervene in that proceeding (the *prescribed intervention deadline*).

(a) *Deadlines for filing applications in competition with an initial preliminary*

*permit application.* (1) Any preliminary permit application or any development application not filed pursuant to a notice of intent must be submitted for filing in competition with an initial preliminary permit application not later than the prescribed intervention deadline.

(2) Any preliminary permit application filed pursuant to a notice of intent must be submitted for filing in competition with an initial preliminary permit application not later than 30 days after the prescribed intervention deadline.

(3) Any development application filed pursuant to a notice of intent must be submitted for filing in competition with an initial preliminary permit application not later than 120 days after the prescribed intervention deadline.

(b) *Deadlines for filing applications in competition with an initial development application.* (1) Any development application not filed pursuant to a notice of intent must be submitted for filing in competition with an initial development application not later than the prescribed intervention deadline.

(2) Any development application filed pursuant to a notice of intent must be submitted for filing in competition with an initial development application not later than 120 days after the prescribed intervention deadline.

(3) If the Commission has accepted an application for exemption of a project from licensing and the application has not yet been granted or denied, the applicant for exemption may submit a license application for the project if it is a qualified license applicant. The pending application for exemption from licensing will be considered withdrawn as of the date the Commission accepts the license application for filing. If a license application is accepted for filing under this provision, any qualified license applicant may submit a competing license application not later than the prescribed intervention deadline set for the license application.

(4) Any preliminary permit application must be submitted for filing in competition with an initial development application not later than the deadlines prescribed in paragraphs (a)(1) and (a)(2) for the submission of preliminary permit applications filed

in competition with an initial preliminary permit application.

(c) *Notices of intent.* (1) Any notice of intent to file an application in competition with an initial preliminary permit or an initial development application must be submitted for filing not later than the prescribed intervention deadline for the initial application.

(2) A notice of intent must include:

(i) The exact name, business address, and telephone number of the prospective applicant; and

(ii) An unequivocal statement of intent to submit a preliminary permit application or a development application (specify which type of application).

(d) *Requirements for competing applications.* (1) Any competing application must:

(i) Conform to all requirements for filing an initial application; and

(ii) Include proof of service of a copy of the competing application on the person(s) designated in the public notice of the initial application for service of pleadings, documents, or communications concerning the initial application.

(2) *Comparisons of plans of development.* (i) After the deadline for filing applications in competition against an initial development application has expired, the Commission will notify each license and exemption applicant of the identity of the other applicants.

(ii) Not later than 14 days after the Commission serves the notification described in paragraph (d)(2)(i) of this section, if a license or exemption applicant has not already done so, it must serve a copy of its application on each of the other license and exemption applicants.

(iii) Not later than 60 days after the Commission serves the notification described in paragraph (d)(2)(i) of this section, each license and exemption applicant must file with the Commission a detailed and complete statement of how its plans are as well or better adapted than are the plans of each of the other license and exemption applicants to develop, conserve, and utilize in the public interest the water resources of the region. These statements should be supported by any technical

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analyses that the applicant deems appropriate to support its proposed plans of development.

[Order 413, 50 FR 11680, Mar. 25, 1985; 50 FR 23947, June 7, 1985]

### § 4.37 Rules of preference among competing applications.

Except as provided in § 4.33(f), the Commission will select among competing applications on the following bases:

(a) If an accepted application for a preliminary permit and an accepted application for a license propose project works that would develop, conserve, and utilize, in whole or in part, the same water resources, and the applicant for a license has demonstrated its ability to carry out its plans, the Commission will favor the license applicant unless the permit applicant substantiates in its filed application that its plans are better adapted to develop, conserve, and utilize in the public interest the water resources of the region.

(b) If two or more applications for preliminary permits or two or more applications for licenses (not including applications for a new license under section 15 of the Federal Power Act) are filed by applicants for project works that would develop, conserve, and utilize, in whole or in part, the same water resources, and if none of the applicants is a preliminary permittee whose application for license was accepted for filing within the permit period, the Commission will select between or among the applicants on the following bases:

(1) If both of two applicants are either a municipality or a state, the Commission will favor the applicant whose plans are better adapted to develop, conserve, and utilize in the public interest the water resources of the region, taking into consideration the ability of each applicant to carry out its plans.

(2) If both of two applicants are either a municipality or a state, or neither of them is a municipality or a state, and the plans of the applicants are equally well adapted to develop, conserve, and utilize in the public interest the water resources of the region, taking into consideration the

ability of each applicant to carry out its plans, the Commission will favor the applicant with the earliest application acceptance date.

(3) If one of two applicants is a municipality or a state, and the other is not, and the plans of the municipality or a state are at least as well adapted to develop, conserve, and utilize in the public interest the water resources of the region, the Commission will favor the municipality or state.

(4) If one of two applicant is a municipality or a state, and the other is not, and the plans of the applicant who is not a municipality or a state are better adapted to develop, conserve, and utilize in the public interest the water resources of the region, the Commission will inform the municipality or state of the specific reasons why its plans are not as well adapted and afford a reasonable period of time for the municipality or state to render its plans at least as well adapted as the other plans. If the plans of the municipality or state are rendered at least as well adapted within the time allowed, the Commission will favor the municipality or state. If the plans are not rendered at least as well adapted within the time allowed, the Commission will favor the other applicant.

(c) If two or more applications for licenses are filed for project works which would develop, conserve, and utilize, in whole or in part, the same water resources, and one of the applicants was a preliminary permittee whose application was accepted for filing within the permit period (*priority applicant*), the Commission will select between or among the applicants on the following bases:

(1) If the plans of the priority applicant are at least as well adapted as the plans of each other applicant to develop, conserve, and utilize in the public interest the water resources of the region, taking into consideration the ability of each applicant to carry out its plans, the Commission will favor the priority applicant.

(2) If the plans of an applicant who is not a priority applicant are better adapted than the plans of the priority

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applicant to develop, conserve, and utilize in the public interest the water resources of the region, taking into consideration the ability of each applicant to carry out its plans, the Commission will inform the priority applicant of the specific reasons why its plans are not as well adapted and afford a reasonable period of time for the priority applicant to render its plans at least as well adapted as the other plans. If the plans of the priority applicant are rendered at least as well adapted within the time allowed, then the Commission will favor the priority applicant. If the plans of the priority applicant are not rendered as well adapted within the time allowed, the criteria specified in paragraph (b) will govern.

(3) The criteria specified in paragraph (b) will govern selection among applicants other than the priority applicant.

(d) With respect to a project for which an application for an exemption from licensing has been accepted for filing, the Commission will select among competing applications on the following bases:

(1) If an accepted application for a preliminary permit and an accepted application for exemption from licensing propose to develop mutually exclusive small hydroelectric power projects, the Commission will favor the applicant whose substantiated plans in the application received by the Commission are better adapted to develop, conserve, and utilize in the public interest the water resources of the region. If the substantiated plans are equally well adapted, the Commission will favor the application for exemption from licensing.

(2) If an application for a license and an application for exemption from licensing, or two or more applications for exemption from licensing are each accepted for filing and each proposes to develop a mutually exclusive project, the Commission will favor the applicant whose plans are better adapted to develop, conserve, and utilize in the public interest the water resources of the region. If the plans are equally well adapted, the Commission will favor the applicant with the earliest application acceptance date.

(e) A municipal applicant must provide evidence that the municipality is competent under applicable state and local laws to engage in the business of developing, transmitting, utilizing, or distributing power, or such applicant will be considered a non-municipal applicant for the purpose of determining the disposition of competing applications.

[Order 413, 50 FR 11682, Mar. 25, 1985]

#### § 4.38 Consultation requirements.

(a) *Requirement to consult.* (1) Before it files any application for an original license or an exemption from licensing that is described in paragraph (a)(4) of this section, a potential applicant must consult with the relevant Federal, State, and interstate resource agencies, including the National Marine Fisheries Service, the United States Fish and Wildlife Service, the National Park Service, the United States Environmental Protection Agency, the Federal agency administering any United States lands or facilities utilized or occupied by the project, the appropriate State fish and wildlife agencies, the appropriate State water resource management agencies, the certifying agency under section 401(a)(1) of the Federal Water Pollution Control Act (Clean Water Act), 33 U.S.C. § 1341(c)(1), and any Indian tribe that may be affected by the proposed project.

(2) The Director of the Office of Hydropower Licensing or the Regional Director responsible for the area in which the project is located will, upon request, provide a list of known appropriate Federal, state, and interstate resource agencies and Indian tribes.

(3) An applicant for an exemption from licensing or an applicant for a license seeking benefits under section 210 of the Public Utility Regulatory Policies Act, as amended, for a project that would be located at a new dam or diversion must, in addition to meeting the requirements of this section, comply with the consultation requirements in § 4.301.

(4) The pre-filing consultation requirements of this section apply only to an application for:

- (i) Original license;
- (ii) Exemption;

(iii) Amendment to an application for original license or exemption that materially amends the proposed plans of development as defined in § 4.35(f)(1);

(iv) Amendment to an existing license that would increase the capacity of the project as defined in § 4.201(b); or

(v) Amendment to an existing license that would not increase the capacity of the project as defined in § 4.201(b), but that would involve:

(A) The construction of a new dam or diversion in a location where there is no existing dam or diversion;

(B) Any repair, modification, or reconstruction of an existing dam that would result in a significant change in the normal maximum surface area or elevation of an existing impoundment; or

(C) The addition of new water power turbines other than to replace existing turbines.

(5) Before it files a non-capacity related amendment as defined in § 4.201(c), an applicant must consult with the resource agencies and Indian tribes listed in paragraph (a)(1) of this section to the extent that the proposed amendment would affect the interests of the agencies or tribes. When consultation is necessary, the applicant must, at a minimum, provide the resource agencies and Indian tribes with copies of the draft application and allow them at least 60 days to comment on the proposed amendment. The amendment as filed with the Commission must summarize the consultation with the resource agencies and Indian tribes on the proposed amendment, propose reasonable protection, mitigation, or enhancement measures to respond to impacts identified as being caused by the proposed amendment, and respond to any objections, recommendations, or conditions submitted by the agencies or Indian tribes. Copies of all written correspondence between the applicant, the agencies, and the tribes must be attached to the application.

(6) This section does not apply to any application for a new license, a nonpower license, a subsequent license, or surrender of a license subject to sections 14 and 15 of the Federal Power Act.

(7) If a potential applicant has any doubt as to whether a particular application or amendment would be subject to the pre-filing consultation requirements of this section or if a waiver of the pre-filing requirements would be appropriate, the applicant may file a written request for clarification or waiver with the Director, Office of Hydropower Licensing.

(b) *First stage of consultation.* (1) A potential applicant must promptly contact each of the appropriate resource agencies and affected Indian tribes; provide them with a description of the proposed project and supporting information; and confer with them on project design, the impact of the proposed project (including a description of any existing facilities, their operation, and any proposed changes), reasonable hydropower alternatives, and what studies the applicant should conduct. The potential applicant must provide to the resource agencies, Indian tribes, and the Commission the following information:

(i) Detailed maps showing project boundaries, if any, proper land descriptions of the entire project area by township, range, and section, as well as by state, county, river, river mile, and closest town, and also showing the specific location of all proposed project facilities, including roads, transmission lines, and any other appurtenant facilities;

(ii) A general engineering design of the proposed project, with a description of any proposed diversion of a stream through a canal or a penstock;

(iii) A summary of the proposed operational mode of the project;

(iv) Identification of the environment to be affected, the significant resources present, and the applicant's proposed environmental protection, mitigation, and enhancement plans, to the extent known at that time;

(v) Streamflow and water regime information, including drainage area, natural flow periodicity, monthly flow rates and durations, mean flow figures illustrating the mean daily streamflow curve for each month of the year at the point of diversion or impoundment, with location of the stream gauging station, the method used to generate

the streamflow data provided, and copies of all records used to derive the flow data used in the applicant's engineering calculations;

(vi)(A) A statement (with a copy to the Commission) of whether or not the applicant will seek benefits under section 210 of PURPA by satisfying the requirements for qualifying hydroelectric small power production facilities in § 292.203 of this chapter;

(B) If benefits under section 210 of PURPA are sought, a statement on whether or not the applicant believes the project is located at a new dam or diversion (as that term is defined in § 292.202(p) of this chapter) and a request for the agencies' view on that belief, if any;

(vii) Detailed descriptions of any proposed studies and the proposed methodologies to be employed; and

(viii) Any statement required by § 4.301(a).

(2) No earlier than 30 days, but no later than 60 days, from the date of the potential applicant's letter transmitting the information to the agencies and Indian tribes under paragraph (b)(1) of this section, the potential applicant must:

(i) Hold a joint meeting at a convenient place and time, including an opportunity for a site visit, with all pertinent agencies and Indian tribes to explain the applicant's proposal and its potential environmental impact, to review the information provided, and to discuss the data to be obtained and studies to be conducted by the potential applicant as part of the consultation process;

(ii) Consult with the resource agencies and Indian tribes on the scheduling and agenda of the joint meeting; and

(iii) No later than 15 days in advance of the joint meeting, provide the Commission with written notice of the time and place of the meeting and a written agenda of the issues to be discussed at the meeting.

(3) Members of the public must be informed of and invited to attend the joint meeting held pursuant to paragraph (b)(2)(i) of this section by means of the public notice published in accordance with paragraph (g) of this section. Members of the public attending

the meeting are entitled to participate in the meeting and to express their views regarding resource issues that should be addressed in any application for license or exemption that may be filed by the potential applicant. Attendance of the public at any site visit held pursuant to paragraph (b)(2)(i) of this section will be at the discretion of the potential applicant. The potential applicant must make either audio recordings or written transcripts of the joint meeting, and must promptly provide copies of these recordings or transcripts to the Commission and, upon request, to any resource agency and Indian tribe.

(4) Not later than 60 days after the joint meeting held under paragraph (b)(2) of this section (unless extended within this time period by a resource agency or Indian tribe for an additional 60 days by sending written notice to the applicant and the Director of OHL within the first 60 day period, with an explanation of the basis for the extension), each interested resource agency and Indian tribe must provide a potential applicant with written comments:

(i) Identifying its determination of necessary studies to be performed or information to be provided by the potential applicant;

(ii) Identifying the basis for its determination;

(iii) Discussing its understanding of the resource issues and its goals and objectives for these resources;

(iv) Explaining why each study methodology recommended by it is more appropriate than other available methodology alternatives, including those identified by the potential applicant pursuant to paragraph (b)(1)(vii) of this section;

(v) Documenting that the use of each study methodology recommended by it is a generally accepted practice; and

(vi) Explaining how the studies and information requested will be useful to the agency or Indian tribe in furthering its resource goals and objectives that are affected by the proposed project.

(5)(i) If a potential applicant and a resource agency or Indian tribe disagree as to any matter arising during the first stage of consultation or as to the need to conduct a study or gather

information referenced in paragraph (c)(2) of this section, the potential applicant or resource agency or Indian tribe may refer the dispute in writing to the Director of the Office of Hydro-power Licensing (Director) for resolution.

(ii) At the same time as the request for dispute resolution is submitted to the Director, the entity referring the dispute must serve a copy of its written request for resolution on the disagreeing party and any affected resource agency or Indian tribe, which may submit to the Director a written response to the referral within 15 days of the referral's submittal to the Director.

(iii) Written referrals to the Director and written responses thereto pursuant to paragraphs (b)(5)(i) or (b)(5)(ii) of this section must be filed with the Secretary of the Commission in accordance with the Commission's Rules of Practice and Procedure, and must indicate that they are for the attention of the Director pursuant to § 4.38(b)(5).

(iv) The Director will resolve disputes by letter provided to the potential applicant and all affected resource agencies and Indian tribes.

(v) If a potential applicant does not refer a dispute regarding a request for information (other than a dispute regarding the information specified in paragraph (b)(1) of this section) or a study to the Director under paragraph (b)(5)(i) of this section, or if a potential applicant disagrees with the Director's resolution of a dispute regarding a request for information (other than a dispute regarding the information specified in paragraph (b)(1) of this section) or a study, and if the potential applicant does not provide the requested information or conduct the requested study, the potential applicant must fully explain the basis for its disagreement in its application.

(vi) Filing and acceptance of an application will not be delayed, and an application will not be considered deficient or patently deficient pursuant to §§ 4.32 (e)(1) or (e)(2), merely because the application does not include a particular study or particular information if the Director had previously found, under paragraph (b)(5)(iv) of this section, that such study or information is

unreasonable or unnecessary for an informed decision by the Commission on the merits of the application or use of the study methodology requested is not a generally accepted practice.

(6) The first stage of consultation ends when all participating agencies and Indian tribes provide the written comments required under paragraph (b)(4) of this section or 60 days after the joint meeting held under paragraph (b)(2) of this section, whichever occurs first, unless a resource agency or Indian tribe timely notifies the applicant and the Director of OHL of its need for more time to provide written comments under paragraph (b)(4) of this section, in which case the first stage of consultation ends when all the participating agencies and Indian tribes provide the written comments required under paragraph (b)(4) of this section or 120 days after the joint meeting held under paragraph (b)(2) of this section, whichever occurs first.

(c) *Second stage of consultation.* (1) Unless determined to be unnecessary by the Director pursuant to paragraph (b)(5) of this section, a potential applicant must diligently conduct all reasonable studies and obtain all reasonable information requested by resource agencies and Indian tribes under paragraph (b) of this section that are necessary for the Commission to make an informed decision regarding the merits of the application. These studies must be completed and the information obtained:

(i) Prior to filing the application, if the results:

(A) Would influence the financial (*e.g.*, instream flow study) or technical feasibility of the project (*e.g.*, study of potential mass soil movement); or

(B) Are needed to determine the design or location of project features, reasonable alternatives to the project, the impact of the project on important natural or cultural resources (*e.g.*, resource surveys), or suitable mitigation or enhancement measures, or to minimize impact on significant resources (*e.g.*, wild and scenic river, anadromous fish, endangered species, caribou migration routes);

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(ii) After filing the application but before issuance of a license or exemption, if the applicant otherwise complied with the provisions of paragraph (b)(1) of this section and the study or information gathering would take longer to conduct and evaluate than the time between the conclusion of the first stage of consultation and the expiration of the applicant's preliminary permit or the application filing deadline set by the Commission;

(iii) After a new license or exemption is issued, if the studies can be conducted or the information obtained only after construction or operation of proposed facilities, would determine the success of protection, mitigation, or enhancement measures (*e.g.*, post-construction monitoring studies), or would be used to refine project operation or modify project facilities.

(2) If, after the end of the first stage of consultation as defined in paragraph (b)(6) of this section, a resource agency or Indian tribe requests that the potential applicant conduct a study or gather information not previously identified and specifies the basis and reasoning for its request, under paragraphs (b)(4) (i)-(vi) of this section, the potential applicant must promptly initiate the study or gather the information, unless the study or information is unreasonable or unnecessary for an informed decision by the Commission on the merits of the application or use of the methodology requested by a resource agency or Indian tribe for conducting the study is not a generally accepted practice. The applicant may refer any such request to the Director of the Office of Hydropower Licensing for dispute resolution under the procedures set forth in paragraph (b)(5) of this section and need not conduct prior to filing any study determined by the Director to be unreasonable or unnecessary or to employ a methodology that is not generally accepted.

(3)(i) The results of studies and information-gathering referenced in paragraphs (c)(1)(ii) and (c)(2) of this section will be treated as additional information; and

(ii) Filing and acceptance of an application will not be delayed and an application will not be considered deficient or patently deficient pursuant to §4.32

(e)(1) or (e)(2) merely because the study or information gathering is not complete before the application is filed.

(4) A potential applicant must provide each resource agency and Indian tribe with:

(i) A copy of its draft application that:

(A) Indicates the type of application the potential applicant expects to file with the Commission; and

(B) Responds to any comments and recommendations made by any resource agency and Indian tribe either during the first stage of consultation or under paragraph (c)(2) of this section;

(ii) The results of all studies and information-gathering either requested by that resource agency or Indian tribe in the first stage of consultation (or under paragraph (c)(2) of this section if available) or which pertain to resources of interest to that resource agency or Indian tribe and which were identified by the potential applicant pursuant to paragraph (b)(1)(vii) of this section, including a discussion of the results and any proposed protection, mitigation, or enhancement measures; and

(iii) A written request for review and comment.

(5) A resource agency or Indian tribe will have 90 days from the date of the potential applicant's letter transmitting the paragraph (c)(4) information to it to provide written comments on the information submitted by a potential applicant under paragraph (c)(4) of this section.

(6) If the written comments provided under paragraph (c)(5) of this section indicate that a resource agency or Indian tribe has a substantive disagreement with a potential applicant's conclusions regarding resource impacts or its proposed protection, mitigation, or enhancement measures, the potential applicant will:

(i) Hold a joint meeting with the disagreeing resource agency or Indian tribe and other agencies with similar or related areas of interest, expertise, or responsibility not later than 60 days from the date of the written comments of the disagreeing agency or Indian tribe to discuss and to attempt to

reach agreement on its plan for environmental protection, mitigation, or enhancement measures;

(ii) Consult with the disagreeing agency or Indian tribe and other agencies with similar or related areas of interest, expertise, or responsibility on the scheduling of the joint meeting; and

(iii) At least 15 days in advance of the meeting, provide the Commission with written notice of the time and place of the meeting and a written agenda of the issues to be discussed at the meeting.

(7) The potential applicant and any disagreeing resource agency or Indian tribe may conclude a joint meeting with a document embodying any agreement among them regarding environmental protection, mitigation, or enhancement measures and any issues that are unresolved.

(8) The potential applicant must describe all disagreements with a resource agency or Indian tribe on technical or environmental protection, mitigation, or enhancement measures in its application, including an explanation of the basis for the applicant's disagreement with the resource agency or Indian tribe, and must include in its application any document developed pursuant to paragraph (c)(7) of this section.

(9) A potential applicant may file an application with the Commission if:

(i) It has complied with paragraph (c)(4) of this section and no resource agency or Indian tribe has responded with substantive disagreements by the deadline specified in paragraph (c)(5) of this section; or

(ii) It has complied with paragraph (c)(6) of this section and a resource agency or Indian tribe has responded with substantive disagreements.

(10) The second stage of consultation ends:

(i) Ninety days after the submittal of information pursuant to paragraph (c)(4) of this section in cases where no resource agency or Indian tribe has responded with substantive disagreements; or

(ii) At the conclusion of the last joint meeting held pursuant to paragraph (c)(6) of this section in cases where a resource agency or Indian tribe has re-

sponded with substantive disagreements.

(d) *Third stage of consultation.* (1) The third stage of consultation is initiated by the filing of an application for a license or exemption, accompanied by a transmittal letter certifying that at the same time copies of the application are being mailed to the resource agencies, Indian tribes, and other government offices specified in paragraph (d)(2) of this section.

(2) As soon as an applicant files such application documents with the Commission, or promptly after receipt in the case of documents described in paragraph (d)(2)(iii) of this section, as the Commission may direct the applicant must serve on every resource agency and Indian tribe consulted and on other government offices copies of:

(i) Its application for a license or an exemption from licensing;

(ii) Any deficiency correction, revision, supplement, response to additional information request, or amendment to the application; and

(iii) Any written correspondence from the Commission requesting the correction of deficiencies or the submittal of additional information.

(e) *Waiver of compliance with consultation requirements.* (1) If a resource agency or Indian tribe waives in writing compliance with any requirement of this section, a potential applicant does not have to comply with that requirement as to that agency or tribe.

(2) If a resource agency or Indian tribe fails to timely comply with a provision regarding a requirement of this section, a potential applicant may proceed to the next sequential requirement of this section without waiting for the resource agency or Indian tribe to comply.

(3) The failure of a resource agency or Indian tribe to timely comply with a provision regarding a requirement of this section does not preclude its participation in subsequent stages of the consultation process.

(f) *Application requirements documenting consultation and any disagreements with resource agencies.* An applicant must show in Exhibit E of its application that it has met the requirements of paragraphs (b) through (d)

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and paragraphs (g) and (h) of this section, and must include a summary of the consultation process and:

(1) Any resource agency's or Indian tribe's letters containing comments, recommendations, and proposed terms and conditions;

(2) Any letters from the public containing comments and recommendations;

(3) Notice of any remaining disagreement with a resource agency or Indian tribe on:

(i) The need for a study or the manner in which a study should be conducted and the applicant's reasons for disagreement, and

(ii) Information on any environmental protection, mitigation, or enhancement measure, including the basis for the applicant's disagreement with the resource agency or Indian tribe;

(4) Evidence of any waivers under paragraph (e) of this section;

(5) Evidence of all attempts to consult with a resource agency or Indian tribe, copies of related documents showing the attempts, and documents showing the conclusion of the second stage of consultation;

(6) An explanation of how and why the project would, would not, or should not, comply with any relevant comprehensive plan as defined in §2.19 of this chapter and a description of any relevant resource agency or Indian tribe determination regarding the consistency of the project with any such comprehensive plan;

(7)(i) With regard to certification requirements for a license applicant under section 401(a)(1) of the Federal Water Pollution Control Act (Clean Water Act):

(A) A copy of the water quality certification;

(B) A copy of the request for certification, including proof of the date on which the certifying agency received the request; or

(C) Evidence of waiver of water quality certification as described in paragraph (f)(7)(ii) of this section.

(ii) A certifying agency is deemed to have waived the certification requirements of section 401(a)(1) of the Clean Water Act if the certifying agency has not denied or granted certification by

one year after the date the certifying agency received a written request for certification. If a certifying agency denies certification, the applicant must file a copy of the denial within 30 days after the applicant received it.

(iii) Notwithstanding any other provision in title 18, chapter I, subpart B, any application to amend an existing license, and any amendment to a pending application for a license, requires a new request for water quality certification pursuant to paragraph (f)(7)(i) of this section if the amendment would have a material adverse impact on the water quality in the discharge from the project or proposed project.

(8) A description of how the applicant's proposal addresses the significant resource issues raised at the joint meeting held pursuant to paragraph (b)(2) of this section; and

(9) A list containing the name and address of every federal, state, and interstate resource agency and Indian tribe with which the applicant consulted pursuant to paragraph (a)(1) of this section.

(g) *Public participation.* (1) At least 14 days in advance of the joint meeting held pursuant to paragraph (b)(2) of this section, the potential applicant must publish notice, at least once, of the purpose, location, and timing of the joint meeting, in a daily or weekly newspaper published in each county in which the proposed project or any part thereof is situated. The notice shall include a summary of the major issues to be discussed at the joint meeting.

(2)(i) A potential applicant must make available to the public for inspection and reproduction the information specified in paragraph (b)(1) of this section from the date on which the notice required by paragraph (g)(1) of this section is first published until the date of the joint meeting required by paragraph (b)(2) of this section.

(ii) The provisions of §4.32(b) will govern the form and manner in which the information is to be made available for public inspection and reproduction.

(iii) A potential applicant must make available to the public for inspection at the joint meeting required by paragraph (b)(2) of this section at least two copies of the information specified in paragraph (b)(1) of this section.

(h) *Transition provisions.* (1) The provisions of this section are not applicable to applications filed before June 19, 1991.

(2) The provisions of paragraphs (a) and (b) of this section are not applicable to potential applicants that complied with the provisions of paragraphs (a) and (b)(1) of this section prior to June 19, 1991.

(3) The provisions of paragraph (c) of this section are not applicable to potential applicants that complied with the provisions of paragraph (b)(2) of this section prior to June 19, 1991.

(4)(i) Any applicant that files its application on or after June 19, 1991, and that complied with the provisions of paragraphs (a) and (b)(1) of this section prior to June 19, 1991, must hold a public meeting, within 90 days from June 19, 1991, at or near the site of the proposed project, to generally explain the potential applicant's proposal for the site and to obtain the views of the public regarding resource issues that should be addressed in any application for license or exemption that may be filed by the potential applicant. The public meeting must include both day and evening sessions, and the potential applicant must make either audio recordings or written transcripts of both sessions.

(ii)(A) At least 15 days in advance of the meeting, the potential applicant must provide all affected resource agencies, Indian tribes, and the Commission with written notice of the time and place of the meeting and a written agenda of the issues to be discussed at the meeting.

(B) At least 14 days in advance of the meeting, the potential applicant must publish notice, at least once, of the purpose, location, and timing of the meeting, in a daily or weekly newspaper published in each county in which the proposed project or any part thereof is situated.

(iii)(A) A potential applicant must make available to the public for inspection and reproduction information comparable to that specified in paragraph (b)(1) of this section from the date on which the notice required by paragraph (h)(4)(ii) of this section is first published until the date of the

public meeting required by paragraph (h)(4)(i) of this section.

(B) The provisions of § 4.32(b) will govern the form and manner in which the information is to be made available for public inspection and reproduction.

(C) A potential applicant must make available to the public for inspection at both sessions of the public meeting required by paragraph (h)(4)(i) of this section at least two copies of the information specified in paragraph (h)(4)(iii)(A) of this section.

(D) A potential applicant must promptly provide copies of the audio recordings or written transcripts of the sessions of the public meeting to the Commission and, upon request, to any resource agency or Indian tribe consulted.

(iv) Any applicant holding a public meeting pursuant to paragraph (h)(4)(i) of this section must include in its filed application a description of how the applicant's proposal addresses the significant resource issues raised during the public meeting.

[Order 533, 56 FR 23153, May 20, 1991, as amended at 56 FR 61155, Dec. 2, 1991]

#### § 4.39 Specifications for maps and drawings.

All required maps and drawings must conform to the following specifications, except as otherwise prescribed in this chapter:

(a) Each original map or drawing must consist of a print on silver or gelatin 35mm microfilm mounted on Type D (3¼" by 7⅞") aperture cards. Two duplicates must be made of each original. Full-sized prints of maps and drawings must be on sheets no smaller than 24 by 36 inches and no larger than 28 by 40 inches. A space five inches high by seven inches wide must be provided in the lower right corner of each sheet. The upper half of this space must bear the title, numerical and graphical scale, and other pertinent information concerning the map or drawing. The lower half of the space must be left clear. If the drawing size specified in this paragraph limits the scale of drawings described in paragraph (c) of this section, a smaller scale may be used for those drawings.

(b) Each map must have a scale in full-sized prints no smaller than one

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inch equals 0.5 miles for transmission lines, roads, and similar linear features and no smaller than one inch equals 1,000 feet for other project features. Where maps at these scales do not show sufficient detail, larger scale maps may be required under § 4.31(f). Each map must show:

- (1) True and magnetic meridians;
- (2) State, county, and town lines; and
- (3) Boundaries of public lands and reservations of the United States [see 16 U.S.C. 796 (1) and (2)], if any. If a public land survey is available, the maps must show all lines of that survey crossing the project area and all official subdivisions of sections for the public lands and reservations, including lots and irregular tracts, as designated on the official plats of survey that may be obtained from the Bureau of Land Management, Washington, DC, or examined in the local land survey office; to the extent that a public land survey is not available for public lands and reservations of the United States, the maps must show the protractors of townships and section lines, which, if possible, must be those recognized by the Federal agency administering those lands.

(c) Drawings depicting details of project structures must have a scale in full-sized prints no smaller than:

- (1) One inch equals 50 feet for plans, elevations, and profiles; and
- (2) One inch equals 10 feet for sections.

(d) Each map or drawing must be drawn and lettered to be legible when it is reduced to a print that is 11 inches on its shorter side. Following notification to the applicant that the application has been accepted for filing [see § 4.31(c)], prints reduced to that size must be bound in each copy of the application which is required to be submitted to the Commission or provided to any person, agency, or other entity.

[Order 54, 44 FR 61334, Oct. 25, 1979. Redesignated by Order 413, 50 FR 11678, Mar. 25, 1985]

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### Subpart E—Application for License for Major Unconstructed Project and Major Modified Project

#### § 4.40 Applicability.

(a) *Applicability.* The provisions of this subpart apply to any application for an initial license for a major unconstructed project that would have a total installed capacity of more than 5 megawatts, and any application for an initial or new license for a major modified project with a total installed capacity more than 5 megawatts. An applicant for license for any major unconstructed or major modified water power project that would have a total installed generating capacity of 5 megawatts or less must submit application under subpart G (§§ 4.60 and 4.61).

(b) *Guidance from Commission staff.* A prospective applicant for a license for a major unconstructed project or major modified project may seek advice from the Commission's Division of Hydropower Licensing regarding the applicability of this subpart to its project [see § 4.32(h)], including the determinations whether any proposed repair, modification or reconstruction of an existing dam would result in a significant change in the normal maximum surface elevation of an existing impoundment, or whether any proposed change in existing project works or operation would result in a significant environmental impact.

[Order 184, 46 FR 55936, Nov. 13, 1981, as amended by Order 413, 50 FR 11683, Mar. 25, 1985; Order 499, 53 FR 27002, July 18, 1988]

#### § 4.41 Contents of application.

Any application under this subpart must contain the following information in the form prescribed:

- (a) *Initial statement.*

**Federal Energy Regulatory Commission**

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BEFORE THE FEDERAL ENERGY REGULATORY  
COMMISSION

*Application for License for Major  
Unconstructed Project or Major Modified  
Project*

(1) [Name of applicant] applies to the Federal Energy Regulatory Commission for a [license or new license, as appropriate] for the [name of project] water power project, as described in the attached exhibits. [Specify any previous FERC project number designation.]

(2) The location of the proposed project is:  
State or territory: \_\_\_\_\_  
County: \_\_\_\_\_  
Township or nearby town: \_\_\_\_\_  
Stream or other body of water: \_\_\_\_\_

(3) The exact name, business address, and telephone number of the applicant are:  
\_\_\_\_\_  
\_\_\_\_\_

(4) The applicant is a (citizen of the United States, association of citizens of the United States, domestic corporation, municipality, or State, as appropriate) and (is/is not) claiming preference under section 7(a) of the Federal Power Act. *See* 16 U.S.C. 796.

(5)(i) The statutory or regulatory requirements of the state(s) in which the project would be located and that affect the project as proposed with respect to bed and banks and to the appropriation, diversion, and use of water for power purposes, and with respect to the right to engage in the business of developing, transmitting, and distributing power and in any other business necessary to accomplish the purposes of the license under the Federal Power Act, are: [provide citation and brief identification of the nature of each requirement; if the applicant is a municipality, the applicant must submit copies of applicable state or local laws or a municipal charter or, if such laws or documents are not clear, any other appropriate legal authority, evidencing that the municipality is competent under such laws to engage in the business of developing, transmitting, utilizing, or distributing power.]

(ii) The steps which the applicant has taken, or plans to take, to comply with each of the laws cited above are: [provide brief description for each requirement]

(b) *Exhibit A* is a description of the project. If the project includes more than one dam with associated facilities, each dam and the associated component parts must be described together as a discrete development. The description for each development must contain:

(1) The physical composition, dimensions, and general configuration of any dams, spillways, penstocks, powerhouses, tailraces or other structures proposed to be included as part of the project;

(2) The normal maximum water surface area and normal maximum water surface elevation (mean sea level), gross storage capacity of any impoundments to be included as part of the project;

(3) The number, type and rated capacity of any proposed turbines or generators to be included as part of the project;

(4) The number, length, voltage and interconnections of any primary transmission lines proposed to be included a part of the project [*See* 16 U.S.C. 796(11)];

(5) The description of any additional mechanical, electrical, and transmission equipment appurtenant to the project; and

(6) All lands of the United States, including lands patented subject to the provisions of section 24 of the Act, 16 U.S.C. 818, that are enclosed within the project boundary described under paragraph (h) of this section (*Exhibit G*), identified and tabulated by legal subdivisions of a public land survey, by the best available legal description. The tabulation must show the total acreage of the lands of the United States within the project boundary.

(c) *Exhibit B* is a statement of project operation and resource utilization. If the project includes more than one dam with associated facilities, the information must be provided separately for each discrete development. The exhibit must contain:

(1) A description of each alternative site considered in selecting of the proposed site;

(2) A description of any alternative facility designs, processes, and operations that were considered.

(3) A statement as to whether operation of the power plant will be manual or automatic, an estimate of the annual plant factor, and a statement of how the project will be operated during adverse, mean, and high water years;

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(4) An estimate of the dependable capacity and average annual energy production in kilowatt-hours (or mechanical equivalent), supported by the following data:

(i) The minimum, mean, and maximum recorded flows in cubic feet per second of the stream or other body of water at the powerplant intake or point of diversion, with a specification of any adjustment made for evaporation, leakage minimum flow releases (including duration of releases) or other reductions in available flow; a flow duration curve indicating the period of record and the gauging stations used in deriving the curve; and a specification of the critical streamflow used to determine the dependable capacity;

(ii) An area-capacity curve showing the gross storage capacity and usable storage capacity of the impoundment, with a rule curve showing the proposed operation of the impoundment and how the usable storage capacity is to be utilized;

(iii) The estimated hydraulic capacity of the powerplant in terms of flow and efficiency (cubic feet per second at one-half, full and best gate), and the corresponding generator output in kilowatts;

(iv) A tailwater rating curve; and

(v) A curve showing powerplant capability versus head and specifying maximum, normal, and minimum heads;

(5) A statement of system and regional power needs and the manner in which the power generated at the project is to be utilized, including the amount of power to be used on-site, if any, supported by the following data:

(i) Load curves and tabular data, if appropriate;

(ii) Details of conservation and rate design programs and their historic and projected impacts on system loads; and

(iii) The amount of power to be sold and the identity of proposed purchaser(s); and

(6) A statement of the applicant's plans for future development of the project or of any other existing or proposed water power project on the affected stream or other body of water, indicating the approximate location and estimated installed capacity of the proposed developments.

(d) *Exhibit C* is a proposed construction schedule for the project. The information required may be supplemented with a bar chart. The construction schedule must contain:

(1) The proposed commencement and completion dates of any new construction, modification, or repair of major project works;

(2) The proposed commencement date of first commercial operation of each new major facility and generating unit; and

(3) If any portion of the proposed project consists of previously constructed, unlicensed water power structures or facilities, a chronology of original completion dates of those structures or facilities specifying dates (approximate dates must be identified as such) of:

(i) Commencement and completion of construction or installation;

(ii) Commencement of first commercial operation; and

(iii) Any additions or modifications other than routine maintenance.

(e) *Exhibit D* is a statement of project costs and financing. The exhibit must contain:

(1) A statement of estimated costs of any new construction, modification, or repair, including:

(i) The cost of any land or water rights necessary to the development;

(ii) The total cost of all major project works;

(iii) Indirect construction costs such as costs of construction equipment, camps, and commissaries;

(iv) Interest during construction; and

(v) Overhead, construction, legal expenses, and contingencies;

(2) If any portion of the proposed project consists of previously constructed, unlicensed water power structures or facilities, a statement of the original cost of those structures or facilities specifying for each, to the extent possible, the actual or approximate total costs (approximate costs must be identified as such) of:

(i) Any land or water rights necessary to the existing project works;

(ii) All major project works; and

(iii) Any additions or modifications other than routine maintenance;

(3) If the applicant is a licensee applying for a new license, and is not a

municipality or a state, an estimate of the amount which would be payable if the project were to be taken over pursuant to section 14 of the Federal Power Act, 16 U.S.C. 807, upon expiration of the license in effect including:

- (i) Fair value;
- (ii) Net investment; and
- (iii) Severance damages;
- (4) A statement of the estimated average annual cost of the total project as proposed, specifying any projected changes in the costs (life-cycle costs) over the estimated financing or licensing period if the applicant takes such changes into account, including:
  - (i) Cost of capital (equity and debt);
  - (ii) Local, state, and Federal taxes;
  - (iii) Depreciation or amortization, and
  - (iv) Operation and maintenance expenses, including interim replacements, insurance, administrative and general expenses, and contingencies;
- (5) A statement of the estimated annual value of project power based on a showing of the contract price for sale of power or the estimated average annual cost of obtaining an equivalent amount of power (capacity and energy) from the lowest cost alternative source of power, specifying any projected changes in the costs (life-cycle costs) of power from that source over the estimated financing or licensing period if the applicant takes such changes into account;
- (6) A statement describing other electric energy alternatives, such as gas, oil, coal and nuclear-fueled powerplants and other conventional and pumped storage hydroelectric plants;
- (7) A statement and evaluation of the consequences of denial of the license application and a brief perspective of what future use would be made of the proposed site if the proposed project were not constructed; and
- (8) A statement specifying the sources and extent of financing and annual revenues available to the applicant to meet the costs identified in paragraphs (e) (1) and (4) of this section.
- (f) *Exhibit E* is an Environmental Report. Information provided in the report must be organized and referenced according to the itemized subparagraphs below. See § 4.38 for consultation

requirements. The Environmental Report must contain the following information, *commensurate with the scope of the project*:

- (1) *General description of the locale.* The applicant must provide a general description of the environment of the proposed project area and its immediate vicinity. The description must include location and general information helpful to an understanding of the environmental setting.
- (2) *Report on water use and quality.* The report must discuss water quality and flows and contain baseline data sufficient to determine the normal and seasonal variability, the impacts expected during construction and operation, and any mitigative, enhancement, and protective measures proposed by the applicant. The report must be prepared in consultation with the state and Federal agencies with responsibility for management of water quality and quantity in the affected stream or other body of water. The report must include:
  - (i) A description of existing instream flow uses of streams in the project area that would be affected by construction and operation; estimated quantities of water discharged from the proposed project for power production; and any existing and proposed uses of project waters for irrigation, domestic water supply, industrial and other purposes;
  - (ii) A description of the seasonal variation of existing water quality for any stream, lake, or reservoir that would be affected by the proposed project, including (as appropriate) measurements of: significant ions, chlorophyll *a*, nutrients, specific conductance, pH, total dissolved solids, total alkalinity, total hardness, dissolved oxygen, bacteria, temperature, suspended sediments, turbidity and vertical illumination;
  - (iii) A description of any existing lake or reservoir and any of the proposed project reservoirs including surface area, volume, maximum depth, mean depth, flushing rate, shoreline length, substrate classification, and gradient for streams directly affected by the proposed project;

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(iv) A quantification of the anticipated impacts of the proposed construction and operation of project facilities on water quality and downstream flows, such as temperature, turbidity and nutrients;

(v) A description of measures recommended by Federal and state agencies and the applicant for the purpose of protecting or improving water quality and stream flows during project construction and operation; an explanation of why the applicant has rejected any measures recommended by an agency; and a description of the applicant's alternative measures to protect or improve water quality stream flow;

(vi) A description of groundwater in the vicinity of the proposed project, including water table and artesian conditions, the hydraulic gradient, the degree to which groundwater and surface water are hydraulically connected, aquifers and their use as water supply, and the location of springs, wells, artesian flows and disappearing streams; a description of anticipated impacts on groundwater and measures proposed by the applicant and others for the mitigation of impacts on groundwater; and

(3) *Report on fish, wildlife, and botanical resources.* The applicant must provide a report that describes the fish, wildlife, and botanical resources in the vicinity of the proposed project; expected impacts of the project on these resources; and mitigation, enhancement, or protection measures proposed by the applicant. The report must be prepared in consultation with the state agency or agencies with responsibility for these resources, the U.S. Fish and Wildlife Service, the National Marine Fisheries Service (if the proposed project may affect anadromous, estuarine, or marine fish resources), and any state or Federal agency with managerial authority over any part of the proposed project lands. The report must contain:

(i) A description of existing fish, wildlife, and plant communities of the proposed project area and its vicinity, including any downstream areas that may be affected by the proposed project and the area within the transmission line corridor or right-of-way. A map of vegetation types should be in-

cluded in the description. For species considered important because of their commercial or recreational value, the information provided should include temporal and spatial distributions and densities of such species. Any fish, wildlife, or plant species proposed or listed as threatened or endangered by the U.S. Fish and Wildlife Service or National Marine Fisheries Service [see 50 CFR 17.11 and 17.12] must be identified;

(ii) A description of the anticipated impacts on fish, wildlife and botanical resources of the proposed construction and operation of project facilities, including possible changes in size, distribution, and reproduction of essential population of these resources and any impacts on human utilization of these resources;

(iii) A description of any measures or facilities recommended by state or Federal agencies for the mitigation of impacts on fish, wildlife, and botanical resources, or for the protection or enhancement of these resources, the impact on threatened or endangered species, and an explanation of why the applicant has determined any measures or facilities recommended by an agency are inappropriate as well as a description of alternative measures proposed by applicant to protect fish, wildlife and botanical resources; and

(iv) The following materials and information regarding any mitigation measures or facilities, identified under clause (iii), proposed for implementation or construction:

(A) Functional design drawings;

(B) A description of proposed operation and maintenance procedures for any proposed measures or facilities;

(C) An implementation, construction and operation schedule for any proposed measures or facilities;

(D) An estimate of the costs of construction, operation, and maintenance of any proposed facilities or implementation of any measures;

(E) A statement of the sources and amount of financing for mitigation measures or facilities; and

(F) A map or drawing showing, by the use of shading, crosshatching or other symbols, the identity and location of any proposed measures or facilities.

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(4) *Report on historic and archaeological resources.* The applicant must provide a report that discusses any historical and archaeological resources in the proposed project area, the impact of the proposed project on those resources and the avoidance, mitigation, and protection measures proposed by the applicant. The report must be prepared in consultation with the State Historic Preservation Officer (SHPO) and the National Park Service of the U.S. Department of Interior. The report must contain:

(i) A description of any discovery measures, such as surveys, inventories, and limited subsurface testing work, recommended by the specified state and Federal agencies for the purpose of locating, identifying, and assessing the significance of historic and archaeological resources that would be affected by construction and operation of the proposed project, together with a statement of the applicant's position regarding the acceptability of the recommendations;

(ii) The results of surveys, inventories, and subsurface testing work recommended by the state and Federal agencies listed above, together with an explanation by the applicant of any variations from the survey, inventory, or testing procedures recommended;

(iii) An identification (without providing specific site or property locations) of any historic or archaeological site in the proposed project area, with particular emphasis on sites or properties either listed in, or recommended by the SHPO for inclusion in, the National Register of Historic Places that would be affected by the construction of the proposed project;

(iv) A description of the likely direct and indirect impacts of proposed project construction or operation on sites or properties either listed in, or recommended as eligible for, the National Register of Historic Places;

(v) A management plan for the avoidance of, or mitigation of, impacts on historic or archaeological sites and resources based upon the recommendations of the state and Federal agencies listed above and containing the applicant's explanation of variations from those recommendations; and

(vi) The following materials and information regarding the mitigation measures described under paragraph (f)(4)(v) of this section:

(A) A schedule for implementing the mitigation proposals;

(B) An estimate of the cost of the measures; and

(C) A statement of the sources and extent of financing.

(vii) The applicant must provide five copies (rather than the fourteen copies required under § 4.32(b)(1) of the Commission's regulations) of any survey, inventory, or subsurface testing reports containing specific site and property information, and including maps and photographs showing the location and any required alteration of historic and archaeological resources in relation to proposed project facilities.

(5) *Report on socio-economic impacts.* The applicant must provide a report which identifies and quantifies the impacts of constructing and operating the proposed project on employment, population, housing, personal income, local governmental services, local tax revenues and other factors within the towns and counties in the vicinity of the proposed project. The report must include:

(i) A description of the socio-economic impact area;

(ii) A description of employment, population and personal income trends in the impact area;

(iii) An evaluation of the impact of any substantial in-migration of people on the impact area's governmental facilities and services, such as police, fire, health and educational facilities and programs;

(iv) On-site manpower requirements and payroll during and after project construction, including a projection of total on-site employment and construction payroll provided by month;

(v) Numbers of project construction personnel who:

(A) Currently reside within the impact area;

(B) Would commute daily to the construction site from places situated outside the impact area; and

(C) Would relocate on a temporary basis within the impact area;

(vi) A determination of whether the existing supply of available housing

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within the impact area is sufficient to meet the needs of the additional population;

(vii) Numbers and types of residences and business establishments that would be displaced by the proposed project, procedures to be utilized to acquire these properties, and types and amounts of relocation assistance payments that would be paid to the affected property owners and businesses; and

(viii) A fiscal impact analysis evaluating the incremental local government expenditures in relation to the incremental local government revenues that would result from the construction of the proposed project. Incremental expenditures may include, but are not be limited to, school operating costs, road maintenance and repair, public safety, and public utility costs.

(6) *Report on geological and soil resources.* The applicant must provide a report on the geological and soil resources in the proposed project area and other lands that would be directly or indirectly affected by the proposed action and the impacts of the proposed project on those resources. The information required may be supplemented with maps showing the location and description of conditions. The report must contain:

(i) A detailed description of geological features, including bedrock lithology, stratigraphy, structural features, glacial features, unconsolidated deposits, and mineral resources;

(ii) A detailed description of the soils, including the types, occurrence, physical and chemical characteristics, erodability and potential for mass soil movement;

(iii) A description showing the location of existing and potential geological and soil hazards and problems, including earthquakes, faults, seepage, subsidence, solution cavities, active and abandoned mines, erosion, and mass soil movement, and an identification of any large landslides or potentially unstable soil masses which could be aggravated by reservoir fluctuation;

(iv) A description of the anticipated erosion, mass soil movement and other impacts on the geological and soil resources due to construction and operation of the proposed project; and

(v) A description of any proposed measures of facilities for the mitigation of impacts on soils.

(7) *Report on recreational resources.* The applicant must prepare a report containing a proposed recreation plan describing utilization, design and development of project recreational facilities, and public access to the project area. Development of the plan should include consideration of the needs of the physically handicapped. Public and private recreational facilities provided by others that would abut the project should be noted in the report. The report must be prepared in consultation with appropriate local, regional, state and Federal recreation agencies and planning commissions, the National Park Service of the U.S. Department of the Interior, and any other state or Federal agency with managerial responsibility for any part of the project lands. The report must contain:

(i) A description of any areas within or in the vicinity of the proposed project boundary that are included in, or have been designated for study for inclusion in:

(A) The National Wild and Scenic Rivers Systems (*see* 16 U.S.C. 1271);

(B) The National Trails System (*see* 16 U.S.C. 1241); or

(C) A wilderness area designated under the Wilderness Act (*see* 16 U.S.C. 1132);

(ii) A detailed description of existing recreational facilities within the project vicinity, and the public recreational facilities which are to be provided by the applicant at its sole cost or in cooperation with others no later than 3 years from the date of first commercial operation of the proposed project and those recreation facilities planned for future development based on anticipated demand. When public recreation facilities are to be provided by other entities, the applicant and those entities should enter into an agreement on the type of facilities to be provided and the method of operation. Copies of agreements with cooperating entities are to be appended to the plan;

(iii) A provision for a shoreline buffer zone that must be within the project boundary, above the normal maximum

surface elevation of the project reservoir, and of sufficient width to allow public access to project lands and waters and to protect the scenic, public recreational, cultural, and other environmental values of the reservoir shoreline;

(iv) Estimates of existing and future recreational use at the project, in daytime and overnight visitation (recreation days), with a description of the methodology used in developing these data;

(v) A development schedule and cost estimates of the construction, operation, and maintenance of existing, initial, and future public recreational facilities, including a statement of the source and extent of financing for such facilities;

(vi) A description of any measures or facilities recommended by the agencies consulted for the purpose of creating, preserving, or enhancing recreational opportunities at the proposed project, and for the purpose of ensuring the safety of the public in its use of project lands and waters, including an explanation of why the applicant has rejected any measures or facilities recommended by an agency; and

(vii) A drawing or drawings, one of which describes the entire project area, clearly showing:

(A) The location of project lands, and the types and number of existing recreational facilities and those proposed for initial development, including access roads and trails, and facilities for camping, picnicking, swimming, boat docking and launching, fishing and hunting, as well as provisions for sanitation and waste disposal;

(B) The location of project lands, and the type and number of recreational facilities planned for future development;

(C) The location of all project lands reserved for recreational uses other than those included in paragraphs (f)(7)(vii) (A) and (B) of this section; and

(D) The project boundary (excluding surveying details) of all areas designated for recreational development, sufficiently referenced to the appropriate Exhibit G drawings to show that all lands reserved for existing and future public recreational development

and the shoreline buffer zone are included within the project boundary. Recreational cottages, mobile homes and year-round residences for private use are not to be considered as public recreational facilities, and the lands on which these private facilities are to be developed are not to be included within the proposed project boundary.

(8) *Report on aesthetic resources.* The applicant must provide a report that describes the aesthetic resources of the proposed project area, the expected impacts of the project on these resources, and the mitigation, enhancement or protection measures proposed. The report must be prepared following consultation with Federal, state, and local agencies having managerial responsibility for any part of the proposed project lands or lands abutting those lands. The report must contain:

(i) A description of the aesthetic character of lands and waters directly and indirectly affected by the proposed project facilities;

(ii) A description of the anticipated impacts on aesthetic resources from construction activity and related equipment and material, and the subsequent presence of proposed project facilities in the landscape;

(iii) A description of mitigative measures proposed by the applicant, including architectural design, landscaping, and other reasonable treatment to be given project works to preserve and enhance aesthetic and related resources during construction and operation of proposed project facilities; and

(iv) Maps, drawings and photographs sufficient to provide an understanding of the information required under this paragraph. Maps or drawings may be consolidated with other maps or drawings required in this exhibit and must conform to the specifications of § 4.39.

(9) *Report on land use.* The applicant must provide a report that describes the existing uses of the proposed project lands and adjacent property, and those land uses which would occur if the project is constructed. The report may reference the discussions of land uses in other sections of this exhibit. The report must be prepared following consultation with local and

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state zoning or land management authorities, and any Federal or state agency with managerial responsibility for the proposed project or abutting lands. The report must include:

(i) A description of existing land use in the proposed project area, including identification of wetlands, floodlands, prime or unique farmland as designated by the Soil Conservation Service of the U.S. Department of Agriculture, the Special Area Management Plan of the Office of Coastal Zone Management, National Oceanic and Atmospheric Administration, and lands owned or subject to control by government agencies;

(ii) A description of the proposed land uses within and abutting the project boundary that would occur as a result of development and operation of the project; and

(iii) Aerial photographs, maps, drawings or other graphics sufficient to show the location, extent and nature of the land uses referred to in this section.

(10) *Alternative locations, designs, and energy sources.* The applicant must provide an environment assessment of the following:

(i) Alternative sites considered in arriving at the selection of the proposed project site;

(ii) Alternative facility designs, processes, and operations that were considered and the reasons for their rejection;

(iii) Alternative electrical energy sources, such as gas, oil, coal, and nuclear-fueled power plants, purchased power or diversity exchange, and other conventional and pumped-storage hydroelectric plants; and

(iv) The overall consequences if the license application is denied.

(11) *List of literature.* Exhibit E must include a list of all publications, reports, and other literature which were cited or otherwise utilized in the preparation of any part of the environmental report.

(g) *Exhibit F* consists of general design drawings of the principal project works described under paragraph (b) of this section (Exhibit A) and supporting information used as the basis of design. If the Exhibit F submitted with the application is preliminary in nature, ap-

plicant must so state in the application. The drawings must conform to the specifications of §4.39.

(1) The drawings must show all major project structures in sufficient detail to provide a full understanding of the project, including:

- (i) Plans (overhead view);
- (ii) Elevations (front view);
- (iii) Profiles (side view); and
- (iv) Sections.

(2) The applicant may submit preliminary design drawings with the application. The final Exhibit F may be submitted during or after the licensing process and must show the precise plans and specifications for proposed structures. If the project is licensed on the basis of preliminary designs, the applicant must submit a final Exhibit F for Commission approval prior to commencement of any construction of the project.

(3) *Supporting design report.* The applicant must furnish, at a minimum, the following supporting information to demonstrate that existing and proposed structures are safe and adequate to fulfill their stated functions and must submit such information in a separate report at the time the application is filed. The report must include:

(i) An assessment of the suitability of the site and the reservoir rim stability based on geological and subsurface investigations, including investigations of soils and rock borings and tests for the evaluation of all foundations and construction materials sufficient to determine the location and type of dam structure suitable for the site;

(ii) Copies of boring logs, geology reports and laboratory test reports;

(iii) An identification of all borrow areas and quarry sites and an estimate of required quantities of suitable construction material;

(iv) Stability and stress analyses for all major structures and critical abutment slopes under all probable loading conditions, including seismic and hydrostatic forces induced by water loads up to the Probable Maximum Flood as appropriate; and

(v) The bases for determination of seismic loading and the Spillway Design Flood in sufficient detail to permit independent staff evaluation.

(4) The applicant must submit two copies of the supporting design report described in paragraph (g)(3) of this section at the time preliminary and final design drawings are submitted to the Commission for review. If the report contains preliminary drawings, it must be designated a "Preliminary Supporting Design Report."

(h) *Exhibit G* is a map of the project that must conform to the specifications of § 4.39. If more than one sheet is used, the sheets must be numbered consecutively, and each sheet must bear a small insert sketch showing the entire project and indicating that portion of the project depicted on that sheet. If at any time after the application is filed there is any change in the project boundary, the applicant must submit, within a reasonable period following the completion of project construction, a final Exhibit G showing the extent of such changes. The map must show:

(1) *Location of the project and principal features.* The map must show the location of the project as a whole with reference to the affected stream or other body of water and, if possible, to a nearby town or any other permanent monuments or objects, such as roads, transmission lines or other structures, that can be noted on the map and recognized in the field. The map must also show the relative locations and physical interrelationships of the principal project works and other features described under paragraph (b) of this section (Exhibit A).

(2) *Project boundary.* The map must show a project boundary enclosing all project works and other features described under paragraph (b) of this section (Exhibit A) that are to be licensed. If accurate survey information is not available at the time the license application is filed, the applicant must so state, and a tentative boundary may be submitted. The boundary must enclose only those lands necessary for operation and maintenance of the project and for other project purposes, such as recreation, shoreline control, or protection of environmental resources (see paragraph (f) of this section (Exhibit E)). Existing residential, commercial, or other structures may be included within the boundary only to the extent that underlying lands are needed for

project purposes (e.g., for flowage, public recreation, shoreline control, or protection of environmental resources). If the boundary is on land covered by a public survey, ties must be shown on the map at sufficient points to permit accurate platting of the position of the boundary relative to the lines of the public land survey. If the lands are not covered by a public land survey, the best available legal description of the position of the boundary must be provided, including distances and directions from fixed monuments or physical features. The boundary must be described as follows:

(i) *Impoundments.* (A) The boundary around a project impoundment must be described by one of the following:

(1) Contour lines, including the contour elevation (preferred method);

(2) Specified courses and distances (metes and bounds);

(3) If the project lands are covered by a public land survey, lines upon or parallel to the lines of the survey; or

(4) Any combination of the above methods.

(B) The boundary must be located no more than 200 feet (horizontal measurement) from the exterior margin of the reservoir, defined by the normal maximum surface elevation, except where deviations may be necessary in describing the boundary according to the above methods or where additional lands are necessary for project purposes, such as public recreation, shoreline control, or protection of environmental resources.

(ii) *Continuous features.* The boundary around linear (*continuous*) project features such as access roads, transmission lines, and conduits may be described by specified distances from center lines or offset lines of survey. The width of such corridors must not exceed 200 feet unless good cause is shown for a greater width. Several sections of a continuous feature may be shown on a single sheet with information showing the sequence of contiguous sections.

(iii) *Noncontinuous features.* (A) The boundary around noncontinuous project works such as dams, spillways, and powerhouses must be described by one of the following:

(1) Contour lines;

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- (2) Specified courses and distances;
- (3) If the project lands are covered by a public land survey, lines upon or parallel to the lines of the survey; or
- (4) Any combination of the above methods.

(B) The boundary must enclose only those lands that are necessary for safe and efficient operation and maintenance of the project or for other specified project purposes, such as public recreation or protection of environmental resources.

(3) *Federal lands.* Any public lands and reservations of the United States (*Federal lands*) [see 16 U.S.C. 796 (1) and (2)] that are within the project boundary, such as lands administered by the U.S. Forest Service, Bureau of Land Management, or National Park Service, or Indian tribal lands, and the boundaries of those Federal lands, must be identified as such on the map by:

- (i) Legal subdivisions of a public land survey of the affected area (a protraction of identified township and section lines is sufficient for this purpose); and
- (ii) The Federal agency, identified by symbol or legend, that maintains or manages each identified subdivision of the public land survey within the project boundary; or
- (iii) In the absence of a public land survey, the location of the Federal lands according to the distances and directions from fixed monuments or physical features. When a Federal survey monument or a Federal bench mark will be destroyed or rendered unusable by the construction of project works, at least two permanent, marked witness monuments or bench marks must be established at accessible points. The maps show the location (and elevation, for bench marks) of the survey monument or bench mark which will be destroyed or rendered unusable, as well as of the witness monuments or bench marks. Connecting courses and distances from the witness monuments or bench marks to the original must also be shown.

(4) *Non-Federal lands.* For those lands within the project boundary not identified under paragraph (h)(3) of this section, the map must identify by legal subdivision:

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(i) Lands owned in fee by the applicant and lands that the applicant plans to acquire in fee; and

(ii) Lands over which the applicant has acquired or plans to acquire rights to occupancy and use other than fee title, including rights acquired to be required by easement or lease.

[Order 184, 46 FR 55936, Nov. 13, 1981; 48 FR 4459, Feb. 1, 1983, as amended by Order 413, 50 FR 11684, Mar. 25, 1985; Order 464, 52 FR 5449, Feb. 23, 1987; Order 540, 57 FR 21737, May 22, 1992]

#### Subpart F—Application for License for Major Project—Existing Dam

AUTHORITY: Federal Power Act, as amended (16 U.S.C. 792–828c); Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 2601–2645); Department of Energy Organization Act (42 U.S.C. 7101–7352); E.O. 12009, 42 FR 46267; Pub. L. 96–511, 94 Stat. 2812 (44 U.S.C. 3501 *et seq.*).

#### § 4.50 Applicability.

(a) *Applicability.* (1) Except as provided in paragraph (a)(2) of this section, the provisions of this subpart apply to any application for either an initial license or new license for a major project—existing dam that is proposed to have a total installed capacity of more than 5 megawatts.

(2) This subpart does not apply to any major project—existing dam (*see* § 4.40) that is proposed to entail or include:

(i) Any repair, modification or reconstruction of an existing dam that would result in a significant change in the normal maximum surface area or normal maximum surface elevation of an existing impoundment; or

(ii) Any new development or change in project operation that would result in a significant environmental impact.

(3) An applicant for license for any major project—existing dam that would have a total installed capacity of 5 megawatts or less must submit application under subpart G (§§ 4.60 and 4.61).

(b) *Guidance from Commission staff.* A prospective applicant for a major license—existing dam may seek advice from the Commission staff regarding the applicability of these sections to its project (*see* § 4.32(h)), including the determinations whether any proposed repair or reconstruction of an existing

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dam would result in a significant change in the normal maximum surface area or the normal maximum surface elevation of an existing impoundment, or whether any proposed new development or change in project operation would result in a significant environmental impact.

[Order 59, 44 FR 67651, Nov. 27, 1979, as amended by Order 184, 46 FR 55942, Nov. 13, 1981; Order 413, 50 FR 11684, Mar. 25, 1985; Order 499, 53 FR 27002, July 18, 1988]

**§ 4.51 Contents of application.**

An application for license under this subpart must contain the following information in the form specified. As provided in paragraph (f) of this section, the appropriate Federal, state, and local resource agencies must be given the opportunity to comment on the proposed project, prior to filing of the application for license for major project—existing dam. Information from the consultation process must be included in this Exhibit E, as appropriate.

(a) *Initial statement.*

BEFORE THE FEDERAL ENERGY REGULATORY COMMISSION

*Application for License for Major Project—Existing Dam*

(1) (Name of applicant) applies to the Federal Energy Regulatory Commission for a (license or new license, as appropriate) for the (name of project) water power project, as described in the attached exhibits. (Specify any previous FERC project number designation.)

(2) The location of the project is:

State or territory: \_\_\_\_\_  
County: \_\_\_\_\_  
Township or nearby town: \_\_\_\_\_  
Stream or other body of water: \_\_\_\_\_

(3) The exact name and business address of the applicant are:

\_\_\_\_\_  
\_\_\_\_\_

The exact name and business address of each person authorized to act as agent for the applicant in this application are:

\_\_\_\_\_  
\_\_\_\_\_

(4) The applicant is a [citizen of the United States, association of citizens of the United States, domestic corporation, municipality,

or state, as appropriate] and (is/is not) claiming preference under section 7(a) of the Federal Power Act. See 16 U.S.C. 796.

(5)(i) The statutory or regulatory requirements of the state(s) in which the project would be located that affect the project as proposed, with respect to bed and banks and to the appropriation, diversion, and use of water for power purposes, and with respect to the right to engage in the business of developing, transmitting, and distributing power and in any other business necessary to accomplish the purposes of the license under the Federal Power Act, are: [Provide citation and brief identification of the nature of each requirement; if the applicant is a municipality, the applicant must submit copies of applicable state and local laws or a municipal charter, or, if such laws or documents are not clear, other appropriate legal authority, evidencing that the municipality is competent under such laws to engage in the business of developing, transmitting, utilizing, or distributing power.]

(ii) The steps which the applicant has taken or plans to take to comply with each of the laws cited above are: (provide brief description for each law).

(6) The applicant must provide the name and address of the owner of any existing project facilities. If the dam is federally owned or operated, provide the name of the agency.

(b) *Exhibit A* is a description of the project. This exhibit need not include information on project works maintained and operated by the U.S. Army Corps of Engineers, the Bureau of Reclamation, or any other department or agency of the United States, except for any project works that are proposed to be altered or modified. If the project includes more than one dam with associated facilities, each dam and the associated component parts must be described together as a discrete development. The description for each development must contain:

(1) The physical composition, dimensions, and general configuration of any dams, spillways, penstocks, powerhouses, tailraces, or other structures, whether existing or proposed, to be included as part of the project;

(2) The normal maximum surface area and normal maximum surface elevation (mean sea level), gross storage capacity, and usable storage capacity of any impoundments to be included as part of the project;

(3) The number, type, and rated capacity of any turbines or generators,

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whether existing or proposed, to be included as part of the project;

(4) The number, length, voltage, and interconnections of any primary transmission lines, whether existing or proposed, to be included as part of the project (see 16 U.S.C. 796(11));

(5) The specifications of any additional mechanical, electrical, and transmission equipment appurtenant to the project; and

(6) All lands of the United States that are enclosed within the project boundary described under paragraph (h) of this section (Exhibit G), identified and tabulated by legal subdivisions of a public land survey of the affected area or, in the absence of a public land survey, by the best available legal description. The tabulation must show the total acreage of the lands of the United States within the project boundary.

(c) *Exhibit B* is a statement of project operation and resource utilization. If the project includes more than one dam with associated facilities, the information must be provided separately for each such discrete development. The exhibit must contain:

(1) A statement whether operation of the powerplant will be manual or automatic, an estimate of the annual plant factor, and a statement of how the project will be operated during adverse, mean, and high water years;

(2) An estimate of the dependable capacity and average annual energy production in kilowatt-hours (or a mechanical equivalent), supported by the following data:

(i) The minimum, mean, and maximum recorded flows in cubic feet per second of the stream or other body of water at the powerplant intake or point of diversion, with a specification of any adjustments made for evaporation, leakage, minimum flow releases (including duration of releases), or other reductions in available flow; a flow duration curve indicating the period of record and the gauging stations used in deriving the curve; and a specification of the period of critical streamflow used to determine the dependable capacity;

(ii) An area-capacity curve showing the gross storage capacity and usable storage capacity of the impoundment,

with a rule curve showing the proposed operation of the impoundment and how the usable storage capacity is to be utilized;

(iii) The estimated hydraulic capacity of the powerplant (maximum flow through the powerplant) in cubic feet per second;

(iv) A tailwater rating curve; and

(v) A curve showing powerplant capability versus head and specifying maximum, normal, and minimum heads;

(3) A statement, with load curves and tabular data, if necessary, of the manner in which the power generated at the project is to be utilized, including the amount of power to be used on-site, if any, the amount of power to be sold, and the identity of any proposed purchasers; and

(4) A statement of the applicant's plans, if any, for future development of the project or of any other existing or proposed water power project on the stream or other body of water, indicating the approximate location and estimated installed capacity of the proposed developments.

(d) *Exhibit C* is a construction history and proposed construction schedule for the project. The construction history and schedules must contain:

(1) If the application is for an initial license, a tabulated chronology of construction for the existing projects structures and facilities described under paragraph (b) of this section (Exhibit A), specifying for each structure or facility, to the extent possible, the actual or approximate dates (approximate dates must be identified as such) of:

(i) Commencement and completion of construction or installation;

(ii) Commencement of commercial operation; and

(iii) Any additions or modifications other than routine maintenance; and

(2) If any new development is proposed, a proposed schedule describing the necessary work and specifying the intervals following issuance of a license when the work would be commenced and completed.

(e) *Exhibit D* is a statement of costs and financing. The statement must contain:

(1) If the application is for an initial license, a tabulated statement providing the actual or approximate original cost (approximate costs must be identified as such) of:

(i) Any land or water right necessary to the existing project; and

(ii) Each existing structure and facility described under paragraph (b) of this section (Exhibit A).

(2) If the applicant is a licensee applying for a new license, and is not a municipality or a state, an estimate of the amount which would be payable if the project were to be taken over pursuant to section 14 of the Federal Power Act upon expiration of the license in effect [see 16 U.S.C. 807], including:

(i) Fair value;

(ii) Net investment; and

(iii) Severance damages.

(3) If the application includes proposals for any new development, a statement of estimated costs, including:

(i) The cost of any land or water rights necessary to the new development; and

(ii) The cost of the new development work, with a specification of:

(A) Total cost of each major item;

(B) Indirect construction costs such as costs of construction equipment, camps, and commissaries;

(C) Interest during construction; and

(D) Overhead, construction, legal expenses, taxes, administrative and general expenses, and contingencies.

(4) A statement of the estimated average annual cost of the total project as proposed, specifying any projected changes in the costs over the estimated financing or licensing period if the applicant takes such changes into account, including:

(i) Cost of capital (equity and debt);

(ii) Local, state, and Federal taxes;

(iii) Depreciation or amortization, and

(iv) Operation and maintenance expenses, including interim replacements, insurance, administrative and general expenses, and contingencies.

(5) A statement of the estimated annual value of project power, based on a showing of the contract price for sale of power or the estimated average annual cost of obtaining an equivalent

amount of power (capacity and energy) from the lowest cost alternative source, specifying any projected changes in the cost of power from that source over the estimated financing or licensing period if the applicant takes such changes into account.

(6) A statement specifying the sources and extent of financing and annual revenues available to the applicant to meet the costs identified in paragraphs (e) (3) and (4) of this section.

(f) *Exhibit E* is an Environmental Report. Information provided in the report must be organized and referenced according to the itemized subparagraphs below. See § 4.38 for consultation requirements. The Environmental Report must contain the following information, *commensurate with the scope of the proposed project*:

(1) *General description of the locale.* The applicant must provide a general description of the environment of the project and its immediate vicinity. The description must include general information concerning climate, topography, wetlands, vegetative cover, land development, population size and density, the presence of any floodplain and the occurrence of flood events in the vicinity of the project, and any other factors important to an understanding of the setting.

(2) *Report on water use and quality.* The report must discuss the consumptive use of project waters and the impact of the project on water quality. The report must be prepared in consultation with the state and Federal agencies with responsibility for management of water quality in the affected stream or other body of water. Consultation must be documented by appending to the report a letter from each agency consulted that indicates the nature, extent, and results of the consultation. The report must include:

(i) A description (including specified volume over time) of existing and proposed uses of project waters for irrigation, domestic water supply, steam-electric plant, industrial, and other consumptive purposes;

(ii) A description of existing water quality in the project impoundment and downstream water affected by the

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project and the applicable water quality standards and stream segment classifications;

(iii) A description of any minimum flow releases specifying the rate of flow in cubic feet per second (cfs) and duration, changes in the design of project works or in project operation, or other measures recommended by the agencies consulted for the purposes of protecting or improving water quality, including measures to minimize the short-term impacts on water quality of any proposed new development of project works (for any dredging or filling, refer to 40 CFR part 230 and 33 CFR 320.3(f) and 323.3(e))<sup>1</sup>;

(iv) A statement of the existing measures to be continued and new measures proposed by the applicant for the purpose of protecting or improving water quality, including an explanation of why the applicant has rejected any measures recommended by an agency and described under paragraph (f)(2)(iii) of this section.

(v) A description of the continuing impact on water quality of continued operation of the project and the incremental impact of proposed new development of project works or changes in project operation; and

(3) *Report on fish, wildlife, and botanical resources.* The report must discuss fish, wildlife, and botanical resources in the vicinity of the project and the impact of the project on those resources. The report must be prepared in consultation with any state agency with responsibility for fish, wildlife, and botanical resources, the U.S. Fish and Wildlife Service, the National Marine Fisheries Service (if the project may affect anadromous fish resources subject to that agency's jurisdiction), and any other state or Federal agency with managerial authority over any part of the project lands. Consultation must be documented by appending to the report a letter from each agency consulted that indicates the nature, extent, and results of the consultation. The report must include:

(i) A description of the fish, wildlife, and botanical resources of the project and its vicinity, and of downstream

areas affected by the project, including identification of any species listed as threatened or endangered by the U.S. Fish and Wildlife Service (See 50 CFR 17.11 and 17.12);

(ii) A description of any measures or facilities recommended by the agencies consulted for the mitigation of impacts on fish, wildlife, and botanical resources, or for the protection or improvement of those resources;

(iii) A statement of any existing measures or facilities to be continued or maintained and any measures or facilities proposed by the applicant for the mitigation of impacts on fish, wildlife, and botanical resources, or for the protection or improvement of such resources, including an explanation of why the applicant has rejected any measures or facilities recommended by an agency and described under paragraph (f)(3)(ii) of this section.

(iv) A description of any anticipated continuing impact on fish, wildlife, and botanical resources of continued operation of the project, and the incremental impact of proposed new development of project works or changes in project operation; and

(v) The following materials and information regarding the measures and facilities identified under paragraph (f)(3)(iii) of this section:

(A) Functional design drawings of any fish passage and collection facilities, indicating whether the facilities depicted are existing or proposed (these drawings must conform to the specifications of §4.39 regarding dimensions of full-sized prints, scale, and legibility);

(B) A description of operation and maintenance procedures for any existing or proposed measures or facilities;

(C) An implementation or construction schedule for any proposed measures or facilities, showing the intervals following issuance of a license when implementation of the measures or construction of the facilities would be commenced and completed;

(D) An estimate of the costs of construction, operation, and maintenance, of any proposed facilities, and of implementation of any proposed measures, including a statement of the sources and extent of financing; and

<sup>1</sup>33 CFR part 323 was revised at 47 FR 31810, July 22, 1982, and §323.3(e) no longer exists.

(E) A map or drawing that conforms to the size, scale, and legibility requirements of §4.39 showing by the use of shading, cross-hatching, or other symbols the identity and location of any measures or facilities, and indicating whether each measure or facility is existing or proposed (the map or drawings in this exhibit may be consolidated).

(4) *Report on historical and archeological resources.* The report must discuss the historical and archeological resources in the project area and the impact of the project on those resources. The report must be prepared in consultation with the State Historic Preservation Officer and the National Park Service. Consultation must be documented by appending to the report a letter from each agency consulted that indicates the nature, extent, and results of the consultation. The report must contain:

(i) Identification of any sites either listed or determined to be eligible for inclusion in the National Register of Historic Places that are located in the project area, or that would be affected by operation of the project or by new development of project facilities (including facilities proposed in this exhibit);

(ii) A description of any measures recommended by the agencies consulted for the purpose of locating, identifying, and salvaging historical or archeological resources that would be affected by operation of the project, or by new development of project facilities (including facilities proposed in this exhibit), together with a statement of what measures the applicant proposes to implement and an explanation of why the applicant rejects any measures recommended by an agency.

(iii) The following materials and information regarding the survey and salvage activities described under paragraph (f)(4)(ii) of this section:

(A) A schedule for the activities, showing the intervals following issuance of a license when the activities would be commenced and completed; and

(B) An estimate of the costs of the activities, including a statement of the sources and extent of financing.

(5) *Report on recreational resources.* The report must discuss existing and proposed recreational facilities and opportunities at the project. The report must be prepared in consultation with local, state, and regional recreation agencies and planning commissions, the National Park Service, and any other state or Federal agency with managerial authority over any part of the project lands. Consultation must be documented by appending to the report a letter from each agency consulted indicating the nature, extent, and results of the consultation. The report must contain:

(i) A description of any existing recreational facilities at the project, indicating whether the facilities are available for public use;

(ii) An estimate of existing and potential recreational use of the project area, in daytime and overnight visits;

(iii) A description of any measures or facilities recommended by the agencies consulted for the purpose of creating, preserving, or enhancing recreational opportunities at the project and in its vicinity (including opportunities for the handicapped), and for the purpose of ensuring the safety of the public in its use of project lands and waters;

(iv) A statement of the existing measures or facilities to be continued or maintained and the new measures or facilities proposed by the applicant for the purpose of creating, preserving, or enhancing recreational opportunities at the project and in its vicinity, and for the purpose of ensuring the safety of the public in its use of project lands and waters, including an explanation of why the applicant has rejected any measures or facilities recommended by an agency and described under paragraph (f)(5)(iii) of this section; and

(v) The following materials and information regarding the measures and facilities identified under paragraphs (f)(5) (i) and (iv) of this section:

(A) Identification of the entities responsible for implementing, constructing, operating, or maintaining any existing or proposed measures or facilities;

(B) A schedule showing the intervals following issuance of a license at which implementation of the measures or

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construction of the facilities would be commenced and completed;

(C) An estimate of the costs of construction, operation, and maintenance of any proposed facilities, including a statement of the sources and extent of financing;

(D) A map or drawing that conforms to the size, scale, and legibility requirements of §4.39 showing by the use of shading, cross-hatching, or other symbols the identity and location of any facilities, and indicating whether each facility is existing or proposed (the maps or drawings in this exhibit may be consolidated); and

(vi) A description of any areas within or in the vicinity of the proposed project boundary that are included in, or have been designated for study for inclusion in, the National Wild and Scenic Rivers System, or that have been designated as wilderness area, recommended for such designation, or designated as a wilderness study area under the Wilderness Act.

(6) *Report on land management and aesthetics.* The report must discuss the management of land within the proposed project boundary, including wetlands and floodplains, and the protection of the recreational and scenic values of the project. The report must be prepared following consultation with local and state zoning and land management authorities and any Federal or state agency with managerial authority over any part of the project lands. Consultation must be documented by appending to the report a letter from each agency consulted indicating the nature, extent, and results of the consultation. The report must contain:

(i) A description of existing development and use of project lands and all other lands abutting the project impoundment;

(ii) A description of the measures proposed by the applicant to ensure that any proposed project works, rights-of-way, access roads, and other topographic alterations blend, to the extent possible, with the surrounding environment; (*see, e.g.*, 44 F.P.C. 1496, *et seq.*);

(iii) A description of wetlands or floodplains within, or adjacent to, the project boundary, any short-term or

long-term impacts of the project on those wetlands or floodplains, and any mitigative measures in the construction or operation of the project that minimize any adverse impacts on the wetlands or floodplains;

(iv) A statement, including an analysis of costs and other constraints, of the applicant's ability to provide a buffer zone around all or any part of the impoundment, for the purpose of ensuring public access to project lands and waters and protecting the recreational and aesthetic values of the impoundment and its shoreline;

(v) A description of the applicant's policy, if any, with regard to permitting development of piers, docks, boat landings, bulkheads, and other shoreline facilities on project lands and waters; and

(vi) Maps or drawings that conform to the size, scale and legibility requirements of §4.39, or photographs, sufficient to show the location and nature of the measures proposed under paragraph (f)(6)(ii) of this section (maps or drawings in this exhibit may be consolidated).

(7) *List of literature.* The report must include a list of all publications, reports, and other literature which were cited or otherwise utilized in the preparation of any part of the environmental report.

(g) *Exhibit F* consists of general design drawings of the principal project works described under paragraph (b) of this section (Exhibit A) and supporting information used to demonstrate that existing project structures are safe and adequate to fulfill their stated functions.

(1) The drawings must show all major project structures in sufficient detail to provide a full understanding of the project, including:

- (i) Plans (overhead view);
- (ii) Elevations (front view); and
- (iii) Sections (side view).

(2) *Supporting design report.* The applicant must furnish, at a minimum, the following supporting information to demonstrate that existing structures are safe and adequate to fulfill their stated functions, and must submit such information in a separate report at the time the application is filed. The report must include:

(i) A description of the physical condition or state of maintenance and repair of any existing and proposed structures or equipment; and

(ii) Information relating to composition and competency of foundations and other structures, gradation of filter and riprap material, design strength and ultimate strength of concrete and steel, stress and stability analysis, spillway rating curves, water levels, and other appropriate data.

(3) The applicant must submit two copies of the supporting design report as described in paragraph (g)(2) of this section at the time general design drawings are submitted to the Commission for review.

(h) *Exhibit G* is a map of the project. The map must conform to the specifications of §4.39. If more than one sheet is used, the sheets must be numbered consecutively and each sheet must bear a small inset sketch showing the entire project (or development) and indicating the portion depicted on the sheet. The map must show:

(1) *Location of the project and principal features.* The map must show the location of the project as a whole with reference to the affected stream or other body of water and, if possible, to a nearby town or any permanent monuments or objects, such as roads, transmission lines or other structures, that can be noted on the map and recognized in the field. The map must also show the relative locations and physical interrelationships of the principal project works and other features described under paragraph (b) of this section (Exhibit A).

(2) *Project boundary.* The map must show a project boundary enclosing all of the principal project works and other features described under paragraph (b) of this section (Exhibit A) that are to be licensed. If accurate survey information is not available at the time the license application is filed, the applicant must so state, and a tentative boundary may be submitted. The boundary must enclose only those lands necessary for operation and maintenance of the project and for other project purposes, such as recreation, shoreline control, or protection of environmental resources (see paragraph (f) of this section (Exhibit E)).

Existing residential, commercial, or other structures may be included within the boundary only to the extent that underlying lands are needed for project purposes (e.g., for flowage, public recreation, shoreline control, or protection of environmental resources). If the boundary is on land covered by a public land survey, ties must be shown on the map at sufficient points to permit accurate platting of the position of the boundary relative to the lines of the public land survey. If the lands are not covered by a public land survey, the best available legal description of the position of the boundary must be provided, including distances and directions from fixed monuments or physical features. The boundary must be described as follows:

(i) *Impoundments.* (A) The boundary around a project impoundment may be described by any of the following:

(1) Contour lines, including the contour elevation (preferred method);

(2) Specified courses and distances (metes and bounds);

(3) If the project lands are covered by a public land survey, lines upon or parallel to the lines of the survey; or

(4) Any combination of the above methods.

(B) The boundary must be located no more than 200 feet (horizontal measurement) from the exterior margin of the reservoir, defined by the normal maximum surface elevation, except where deviations may be necessary in describing the boundary according to the above methods, or where additional lands are necessary for project purposes, such as public recreation, shoreline control, or protection of environmental resources.

(ii) *Continuous features.* The boundary around linear (*continuous*) project features such as access roads, transmission lines, and conduits may be described by specified distances from center lines or offset lines of survey. The width of such corridors must not exceed 200 feet, unless good cause is shown for a greater width. Several sections of a continuous feature may be shown on a single sheet, with information showing the sequence of contiguous sections.

(iii) *Noncontinuous features.* (A) the boundary around noncontinuous

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project works such as dams, spillways, and powerhouses may be described by:

- (1) Contour lines;
- (2) Specified courses and distances;
- (3) If the project lands are covered by a public land survey, lines upon or parallel to the lines of the survey; or
- (4) Any combination of the above methods.

(B) The boundary must enclose only those lands that are necessary for safe and efficient operation and maintenance of the project, or for other specified project purposes, such as public recreation or protection of environmental resources.

(3) *Federal lands.* Any public lands and reservations of the United States (see 16 U.S.C. 796(1) and (2)) (*Federal lands*) that are within the project boundary, e.g., lands administered by the U.S. Forest Service, Bureau of Land Management, National Park Service, or Indian tribal lands, and the boundaries of those Federal lands, must be identified on the map:

- (i) By legal subdivisions of a public land survey of the affected area (a protraction of identified township and section lines is sufficient for this purpose);
- (ii) By the Federal agency, identified by symbol or legend if desired, that maintains or manages each identified subdivision of the public land survey within the project boundary; and
- (iii) In the absence of a public land survey, by the location of the Federal lands according to the distances and directions from fixed monuments or physical features. When a Federal survey monument or a Federal bench mark will be destroyed or rendered unusable by the construction of project works, at least two permanent, marked, witness monuments or bench marks must be established at accessible points. The maps must show the location (and elevation, for bench marks) of the survey monument or bench mark which will be destroyed or rendered unusable, as well as of the witness monuments or bench marks. Connecting courses and distances from the witness monuments or bench marks to the original must also be shown.

(4) *Non-Federal lands.* For those lands within the project boundary not identified under paragraph (h)(3) of this sec-

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tion, the map must identify by legal subdivision:

- (i) Lands owned in fee by the applicant and lands that the applicant plans to acquire in fee; and
- (ii) Lands over which the applicant has acquired or plans to acquire rights to occupancy and use other than fee title, including rights acquired or to be required by easement or lease.

[Order 141, 12 FR 8485, Dec. 19, 1947, as amended by Order 123, 46 FR 9029, Jan. 28, 1981; Order 183, 46 FR 55251, Nov. 9, 1981; Order 184, 46 FR 55942, Nov. 13, 1981; Order 413, 50 FR 11684, Mar. 25, 1985; Order 464, 52 FR 5449, Feb. 23, 1987; Order 540, 57 FR 21737, May 22, 1992]

#### Subpart G—Application for License for Minor Water Power Projects and Major Water Power Projects 5 Megawatts or Less

##### §4.60 Applicability and notice to agencies.

(a) *Applicability.* The provisions of this subpart apply to any application for an initial license or a new license for:

- (1) A minor water power project, as defined in §4.30(b)(17);
- (2) Any major project—existing dam, as defined in §4.30(b)(16), that has a total installed capacity of 5 MW or less; or
- (3) Any major unconstructed project or major modified project, as defined in §4.30 (b) (15) and (14) respectively, that has a total installed capacity of 5 MW or less.

(b) *Notice to agencies.* The Commission will supply interested Federal, state, and local agencies with notice of any application for license for a water power project 5 MW or less and request comment on the application. Copies of the application will be available for inspection at the Commission's Division of Public Information. The applicant shall also furnish copies of the filed application to any Federal, state, or local agency that so requests.

(c) Unless an applicant for a license for a minor water power project requests in its application that the Commission apply the following provisions of Part I of the Federal Power Act when it issues a minor license for a

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project, the Commission, unless it determines it would not be in the public interest to do so, will waive:

(1) Section 4(b), insofar as it requires a licensee to file a statement showing the actual legitimate costs of construction of a project;

(2) Section 4(e), insofar as it relates to approval by the Chief of Engineers and the Secretary of the Army of plans affecting navigation;

(3) Section 6, insofar as it relates to the acceptance and expression in the license of terms and conditions of the Federal Power Act that are waived in the licensing order;

(4) Section 10(c), insofar as it relates to a licensee's maintenance of depreciation reserves;

(5) Sections 10(d) and 10(f);

(6) Section 14, with the exception of the right of the United States or any state or municipality to take over, maintain, and operate a project through condemnation proceedings; and

(7) Sections 15, 16, 19, 20 and 22.

[Order 413, 50 FR 11685, Mar. 25, 1985, as amended by Order 513, 54 FR 23806, June 2, 1989]

**§ 4.61 Contents of application.**

(a) *General instructions.* (1) *Entry upon land.* No work may be started on any proposed project works until the applicant receives a signed license from the Commission. Acceptance of an application does not authorize entry upon public lands or reservations of the United States for any purpose. The applicant should determine whether any additional Federal, state, or local permits are required.

(2) Exhibits F and G must be submitted on separate drawings. Drawings for Exhibits F and G must have identifying title blocks and bear the following certification: "This drawing is a part of the application for license made by the undersigned this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_."

(3) Each application for a license for a water power project 5 megawatts or less must include the information requested in the initial statement and lettered exhibits described by paragraphs (b) through (f) of this section, and must be provided in the form specified. The Commission reserves the

right to require additional information, or another filing procedure, if data provided indicate such action to be appropriate.

(b) *Initial statement.*

BEFORE THE FEDERAL ENERGY REGULATORY COMMISSION

*Application for License for a [Minor Water Power Project, or Major Water Power Project, 5 Megawatts or Less, as Appropriate]*

(1) \_\_\_\_\_ (Name of Applicant) applies to the Federal Energy Regulatory Commission for \_\_\_\_\_ (license or new license, as appropriate) for the \_\_\_\_\_ (name of project) water power project, as described hereinafter. (Specify any previous FERC project number designation.)

(2) The location of the project is:

State or territory: \_\_\_\_\_

County: \_\_\_\_\_

Township or nearby town: \_\_\_\_\_

Stream or other body of water: \_\_\_\_\_

(3) The exact name, address, and telephone number of the applicant are:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(4) The exact name, address, and telephone number of each person authorized to act as agent for the applicant in this application, if applicable, are:

\_\_\_\_\_  
\_\_\_\_\_

(5) The applicant is a \_\_\_\_\_ [citizen of the United States, association of citizens of the United States, domestic corporation, municipality, or State, as appropriate] and (is/is not) claiming preference under section 7(a) of the Federal Power Act. *See* 16 U.S.C. 796.

(6)(i) The statutory or regulatory requirements of the state(s) in which the project would be located that affect the project as proposed with respect to bed and banks and the appropriation, diversion, and use of water for power purposes, and with respect to the right to engage in the business of developing, transmitting, and distributing power and in any other business necessary to accomplish the purposes of the license under the Federal Power Act, are: [provide citation and brief identification of the nature of each requirement; if the applicant is a municipality, the applicant must submit copies of applicable state or local laws or a municipal charter or, if such laws or documents are not clear, any other appropriate legal authority, evidencing that the municipality is competent under such laws to engage in the business of developing, transmitting, utilizing, or distributing power.]

(ii) The steps which the applicant has taken or plans to take to comply with each

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of the laws cited above are: [provide brief description for each requirement]

- (7) Brief project description
- (i) Proposed installed generating capacity \_\_\_\_\_ MW.
- (ii) Check appropriate box:  
 existing dam     unconstructed dam  
 existing dam, major modified project (see §4.30(b)(14))
- (8) Lands of the United States affected (shown on Exhibit G):

	(Name)	(Acres)
(i) National Forest ... ..	.....	.....
(ii) Indian Reserva- tion.	.....	.....
(iii) Public Lands Under Jurisdiction of.	.....	.....
(iv) Other .....	.....	.....
(v) Total U.S. Lands .....	.....	.....
(vi) Check appro- priate box:		

Surveyed land     Unsurveyed land

(9) Construction of the project is planned to start within \_\_\_\_\_ months, and is planned to be completed within \_\_\_\_\_ months, from the date of issuance of license.

(c) *Exhibit A* is a description of the project and the proposed mode of operation.

(1) The exhibit must include, in tabular form if possible, as appropriate:

- (i) The number of generating units, including auxiliary units, the capacity of each unit, and provisions, if any, for future units;
- (ii) The type of hydraulic turbine(s);
- (iii) A description of how the plant is to be operated, manual or automatic, and whether the plant is to be used for peaking;
- (iv) The estimated average annual generation in kilowatt-hours or mechanical energy equivalent;
- (v) The estimated average head on the plant;
- (vi) The reservoir surface area in acres and, if known, the net and gross storage capacity;
- (vii) The estimated hydraulic capacity of the plant (flow through the plant) in cubic feet per second and estimated average flow of the stream or water body at the plant or point of diversion; for projects with installed capacity of more than 1.5 megawatts, a flow duration curve and a description of the drainage area for the project site must be provided;

(viii) Sizes, capacities, and construction materials, as appropriate, of pipelines, ditches, flumes, canals, intake facilities, powerhouses, dams, transmission lines, and other appurtenances; and

(ix) The estimated cost of the project.

(2) State the purposes of project (for example, use of power output).

(d) *Exhibit E* is an Environmental Report.

(1) For major unconstructed and major modified projects 5 MW or less. Any application must contain an Exhibit E conforming with the data and consultation requirements of §4.41(f) of this chapter, if the application is for license for a water power project which has or is proposed to have a total installed generating capacity greater than 1.5 MW but not greater than 5 MW, and which:

- (i) Would use the water power potential of a dam and impoundment which, at the time of application, has not been constructed (see §4.30(b)(15)); or
- (ii) Involves any repair, modification or reconstruction of an existing dam that would result in a significant change in the normal maximum surface area or elevation of an existing impoundment or involves any change in existing project works or operations that would result in a significant environmental impact (see §4.30(b)(14)).

(2) *For minor projects and major projects at existing dams 5 MW or less.* An application for license for either a minor water power project with a total proposed installed generating capacity of 1.5 MW or less or a major project—existing dam with a proposed total installed capacity of 5 MW or less must contain an Exhibit E under this subparagraph. See §4.38 for consultation requirements. The Environmental Report must contain the following information:

(i) A description, including any maps or photographs which the applicant considers appropriate, of the environmental setting of the project, including vegetative cover, fish and wildlife resources, water quality and quantity, land and water uses, recreational uses, historical and archeological resources, and scenic and aesthetic resources. The

report must include a discussion of endangered or threatened plant and animal species, any critical habitats, and any sites included in, or eligible for inclusion in, the National Register of Historic Places. The applicant may obtain assistance in the preparation of this information from state natural resources agencies, the state historic preservation officer, and from local offices of Federal natural resources agencies.

(ii) A description of the expected environmental impacts from proposed construction or development and the proposed operation of the power project, including any impacts from any proposed changes in the capacity and mode of operation of the project if it is already generating electric power, and an explanation of the specific measures proposed by the applicant, the agencies, and others to protect and enhance environmental resources and values and to mitigate adverse impacts of the project on such resources. The applicant must explain its reasons for not undertaking any measures proposed by any agency consulted.

(iii) A description of the steps taken by the applicant in consulting with Federal, state, and local agencies with expertise in environmental matters during the preparation of this exhibit prior to filing the application for license with the Commission. In this report, the applicant must:

(A) Indicate which agencies were consulted during the preparation of the environmental report and provide copies of letters or other documentation showing that the applicant consulted or attempted to consult with each of the relevant agencies (specifying each agency) before filing the application, including any terms or conditions of license that those agencies have determined are appropriate to prevent loss of, or damage to, natural resources; and

(B) List those agencies that were provided copies of the application as filed with the Commission, the date or dates provided, and copies of any letters that may be received from agencies commenting on the application.

(iv) Any additional information the applicant considers important.

(e) *Exhibit F* consists of general drawings of the principal project works. The drawings need not conform to the specifications of § 4.39. The exhibit must conform to the following requirements:

(1) The exhibit must consist of ink drawings, or drawings of similar quality, on sheets no smaller than 8 and one-half inches by 11 inches, drawn to a scale no smaller than 1 inch equals 50 feet for plans, elevations, and profiles, and 1 inch equals 10 feet for sections. After initial review of the application, an original and 2 copies of any drawing must be submitted on 35mm microfilm, if requested by Commission staff.

(2) The drawings must show a plan, elevation, profile, and section of the dam structure and powerplant. Generating and auxiliary equipment proposed must be clearly and simply depicted and described. A north arrow must be included on the plan view.

(f) *Exhibit G* is a map of the project. The map need not conform to the specifications of § 4.39. The exhibit must instead conform to the following requirements:

(1) The exhibit is a map or maps that show the location of all project works and their location in relation to the stream or other water body on which the project is located and to the nearest town or any permanent monuments or objects, such as roads, transmission lines, or other structures, that can be noted on the map and recognized in the field. In the case of unsurveyed public land, or land that is not public land, give the best legal description available. If surveyed land, provide sections, subdivisions, range and township, and principal base and meridian.

(2) The map must consist of ink drawings or drawings of similar quality on sheets no smaller than 8 and one-half inches by 11 inches and not larger than 24 inches by 36 inches, drawn to a scale no smaller than one inch equals 1,000 feet. After review of the application, the applicant must submit an original of the map(s), if requested by Commission staff. Each original map must consist of a print on silver or gelatin 35mm microfilm mounted on Type D (3¼" × 7¾") aperture cards. Two duplicates of each original must also be submitted at that time.

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(3)(i) If an application for a license for a minor water power project that will not occupy any public lands or reservations of the United States does not contain a statement that the applicant requests the Commission to apply the provisions of Part I of the Federal Power Act enumerated in §4.60(c), the applicant:

(A) Must provide a reasonably accurate description of the project location and all project works and features; and

(B) Must identify, in Exhibit G of its application, the owners of all lands necessary for the construction and operation of the project; but

(C) Need not show a project boundary.

(ii) If an application for a license for a minor water power project contains a statement that the applicant requests the Commission to apply the provisions of Part I of the Federal Power Act enumerated in §4.60(c), the applicant must show the project boundary on the map it submits as Exhibit G to its application, as specified in §4.41(h)(2).

(iii) If an application for a license for a minor water power project proposes that the project would occupy any public lands or reservations of the United States, the applicant must show the project boundaries on public lands and reservations on the map it submits as Exhibit G to its application, as specified in §4.41(h)(2).

(4) Water power projects not excepted by paragraph (f)(3) of this section must include a project boundary as follows:

(i) The project boundary must enclose all project works, such as the dam, reservoir, pipelines, access and other roads, powerplant, and transmission lines. The boundary must be set at the minimum feasible distance from project works necessary to allow operation and maintenance of the project and control of the shoreline and reservoir. The project boundary may be contour elevation lines, specified courses and distances, or lines upon or parallel to public land survey lines.

(ii) The project boundary must be depicted on the map by use of contour lines (preferred method), courses and distances, public land survey, or lines parallel to the lines of the survey, or any combination of those methods for reservoirs and impoundments, and the

project boundary around dams, spillways, and powerhouses; and must be depicted by specified distances from a surveyed center line or offset lines of survey for continuous features such as access roads, transmission lines, pipelines, or canals. A tape-compass survey is acceptable for determining courses and distances.

(iii) *Federal lands.* Any public lands and reservations of the United States (see 16 U.S.C. 796 (1) and (2)) (*Federal lands*) that are within the project boundary, e.g., lands administered by the U.S. Forest Service, Bureau of Land Management, National Park Service, or Indian tribal lands, and the boundaries of those Federal lands, must be identified on the map:

(A) By legal subdivisions of a public land survey of the affected area (a protraction of identified township and section lines is sufficient for this purpose);

(B) By the Federal agency, identified by symbol or legend if desired, that maintains or manages each identified subdivision of the public land survey within the project boundary; and

(C) In the absence of a public land survey, by the location of the Federal lands according to the distances and directions from fixed monuments or physical features.

(iv) For clarity, use inset sketches to a larger scale than that used for the overview map to show relationships of project works, natural features, and property lines.

(v) Show one or more ties by distance and bearing from a definite, identifiable point or points on project works or the project boundary to established corners of the public land survey or other survey monuments, if available.

(vi) If the project affects unsurveyed Federal lands, the protraction of township and section lines must be shown. Such protractions, whenever available, must be those recognized by the agency of the United States having jurisdiction over the lands. On unsurveyed lands, show ties by distance and bearing to fixed recognizable objects.

[Order 185, 46 FR 55949, Nov. 13, 1981, as amended by Order 413, 50 FR 11685, Mar. 25, 1985; Order 464, 52 FR 5449, Feb. 23, 1987; Order 513, 54 FR 23806, June 2, 1989]

**Subpart H—Application for License for Transmission Line Only**

**§ 4.70 Applicability.**

This subpart applies to any application for license issued solely for a transmission line that transmits power from a licensed water power project or other hydroelectric project authorized by Congress to the point of junction with the distribution system or with the interconnected primary transmission system.

[Order 184, 46 FR 55942, Nov. 13, 1981]

**§ 4.71 Contents of application.**

An application for license for transmission line only must contain the following information in the form specified.

(a) *Initial statement.*

BEFORE THE FEDERAL ENERGY REGULATION  
COMMISSION

*Application for License for Transmission Line  
Only*

(1) [Name of applicant] applies to the Federal Energy Regulatory Commission for a [license or new license, as appropriate] for the [name of project] transmission line only, as described in the attached exhibits, that is connected with FERC Project No. \_\_\_\_\_, for which a license [was issued, or application was made, as appropriate] on the \_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

(2) The location of the transmission line would be:

State or territory: \_\_\_\_\_

County: \_\_\_\_\_

Township or nearby town: \_\_\_\_\_

(3) The proposed use or market for the power to be transmitted.

(4) The exact name, business address, and telephone number of the applicant are:

\_\_\_\_\_  
\_\_\_\_\_

(5) The applicant is a [citizen of the United States, association of citizens of the United States, domestic corporation, municipality, or State, as appropriate] and (is/is not) claiming preference under section 7(a) of the Federal Power Act. *See* 16 U.S.C. 796.

(6)(i) [For any applicant which, at the time of application for license for transmission line only, is a non-licensee.] The statutory or regulatory requirements of the state(s) in which the project would be located and that affect the project as proposed with respect to bed and banks and to the appropriation, diversion, and use of water for power purposes,

and with respect to the right to engage in the business of developing, transmitting, and distribution power and in any other business necessary to accomplish the purposes of the license under the Federal Power Act, are: [provide citation and brief identification of the nature of each requirement; if the applicant is a municipality, the applicant must submit copies of applicable state or local laws or a municipal charter or, if such laws or documents are not clear, other appropriate legal authority, evidencing that the municipality is competent under such laws to engage in the business of developing, transmitting, utilizing, or distributing power.]

(ii) [For any applicant which, at the time of application for license for transmission line only, is a licensee.] The statutory or regulatory requirements of the state(s) in which the transmission line would be located and that affect the project as proposed with respect to bed and banks and to the appropriation, diversion, and use of water for power purposes, are: [provide citations and brief identification of the nature of each requirement.]

(iii) The steps which the applicant has taken or plans to take to comply with each of the laws cited above are: [provide brief descriptions for each law.]

(b) *Required exhibits.* The application must contain the following exhibits, as appropriate:

(1) For any transmission line that, at the time the application is filed, is not constructed and is proposed to be connected to a licensed water power project with an installed generating capacity of more than 5 MW—Exhibits A, B, C, D, E, F, and G under §4.41 of this chapter;

(2) For any transmission line that, at the time the application is filed, is not constructed and is proposed to be connected to a licensed water power project with an installed generating capacity of 5 MW or less—Exhibits E, F, and G under §4.61 of this chapter; and

(3) For any transmission line that, at the time the application is filed, has been constructed and is proposed to be connected to any licensed water power project—Exhibits E, F, and G under §4.61 of this chapter.

[Order 184, 46 FR 55942, Nov. 13, 1981, as amended by Order 413, 50 FR 11685, Mar. 25, 1985]



that would be part of the project works;

(5) All lands of the United States that are enclosed within the proposed project boundary described under paragraph (e)(3) of this section, identified and tabulated on a separate sheet by legal subdivisions of a public land survey of the affected area, if available; and

(6) Any other information demonstrating in what manner the proposed project would develop, conserve, and utilize in the public interest the water resources of the region.

(c) *Exhibit 2* is a description of studies conducted or to be conducted with respect to the proposed project, including field studies. *Exhibit 2* must supply the following information:

(1) *General requirement.* For any proposed project, a study plan containing a description of:

(i) Any studies, investigations, tests, or surveys that are proposed to be carried out, and any that have already taken place, for the purposes of determining the technical, economic, and financial feasibility of the proposed project, taking into consideration its environmental impacts, and of preparing an application for a license for the project; and

(ii) The approximate locations and nature of any new roads that would be built for the purpose of conducting the studies; and

(2) *Work plan for new dam construction.* For any development within the project that would entail new dam construction, a work plan and schedule containing:

(i) A description, including the approximate location, of any field study, test, or other activity that may alter or disturb lands or waters in the vicinity of the proposed project, including floodplains and wetlands; measures that would be taken to minimize any such disturbance; and measures that would be taken to restore the altered or disturbed areas; and

(ii) A proposed schedule (a chart or graph may be used), the total duration of which does not exceed the proposed term of the permit, showing the intervals at which the studies, investigations, tests, and surveys, identified

under this paragraph are proposed to be completed.

(iii) For purposes of this paragraph, *new dam construction* means any dam construction the studies for which would require test pits, borings, or other foundation exploration in the field.

(3) *Waiver.* The Commission may waive the requirements of paragraph (c)(2) pursuant to § 385.207 of this chapter, upon a showing by the applicant that the field studies, tests, and other activities to be conducted under the permit would not adversely affect cultural resources or endangered species and would cause only minor alterations or disturbances of lands and waters, and that any land altered or disturbed would be adequately restored.

(d) *Exhibit 3* must contain a statement of costs and financing, specifying and including, *to the extent possible*:

(1) The estimated costs of carrying out or preparing the studies, investigations, tests, surveys, maps, plans or specifications identified under paragraph (c) of this section;

(2) The expected sources and extent of financing available to the applicant to carry out or prepare the studies, investigations, tests, surveys, maps, plans, or specifications identified under paragraph (c) of this section; and

(3) A description of the proposed market for the power generated at the project, including:

(i) The identity of the proposed purchaser(s) of the power, and any information that is available concerning the revenues to be derived from the sale of the power; or

(ii) If the applicant proposes to utilize the power output, the size of the applicant's power system, system peak demand and annual energy requirements, and the number of customers served by the applicant.

(e) *Exhibit 4* must include a map or series of maps, to be prepared on United States Geological Survey topographic quadrangle sheets or similar topographic maps of a State agency, if available. *The maps need not conform to the precise specifications of § 4.39 (a) and (b).* If the scale of any base map is not sufficient to show clearly and legibly all of the information required by this paragraph, the maps submitted must

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be enlarged to a scale that is adequate for that purpose. (If Exhibit 4 comprises a series of maps, it must also include an index sheet showing, by outline, the parts of the entire project covered by each map of the series.) The maps must show:

(1) The location of the project as a whole with reference to the affected stream or other body of water and, if possible, to a nearby town or any permanent monuments or objects that can be noted on the maps and recognized in the field;

(2) The relative locations and physical interrelationships of the principal project features identified under paragraph (b) of this section;

(3) A proposed boundary for the project, enclosing:

(i) All principal project features identified under paragraph (b) of this section, including but not limited to any dam, reservoir, water conveyance facilities, powerplant, transmission lines, and other appurtenances; if the project is located at an existing Federal dam, the Federal dam and impoundment must be shown, but may not be included within the project boundary;

(ii) Any non-Federal lands and any public lands or reservations of the United States [see 16 U.S.C. 796 (1) and (2)] necessary for the purposes of the project. To the extent that those public lands or reservations are covered by a public land survey, the project boundary must enclose each of and only the smallest legal subdivisions (quarter-quarter section, lots, or other subdivisions, identified on the map by subdivision) that may be occupied in whole or in part by the project.

(4) Areas within or in the vicinity of the proposed project boundary which are included in or have been designated for study for inclusion in the National Wild and Scenic Rivers System; and

(5) Areas within the project boundary that, under the provisions of the Wilderness Act, have been:

(i) Designated as wilderness area;

(ii) Recommended for designation as wilderness area; or

(iii) Designated as wilderness study area.

(Federal Power Act, as amended, 16 U.S.C. 792-828c (1976); Department of Energy Organization Act, 42 U.S.C. 7101-7352 (Supp. IV 1980); E.O. 12009, 3 CFR part 142 (1978); 5 U.S.C. 553 (Supp. IV 1980))

[Order 54, 44 FR 61336, Oct. 25, 1979, as amended by Order 123, 46 FR 9029, Jan. 28, 1981; 46 FR 11811, Feb. 11, 1981; Order 225, 47 FR 19056, May 3, 1982; Order 413, 50 FR 11685, Mar. 25, 1985]

#### § 4.82 Amendments.

(a) Any permittee may file an application for amendment of its permit, including any extension of the term of the permit that would not cause the total term to exceed three years. (Transfer of a permit is prohibited by section 5 of the Federal Power Act.) Each application for amendment of a permit must conform to any relevant requirements of § 4.81 (b), (c), (d), and (e).

(b) If an application for amendment of a preliminary permit requests any material change in the proposed project, public notice of the application will be issued as required in § 4.32(d)(2)(i).

(c) If an application to extend the term of a permit is submitted not less than 30 days prior to the termination of the permit, the permit term will be automatically extended (not to exceed a total term for the permit of three years) until the Commission acts on the application for an extension. The Commission will not accept extension requests that are filed less than 30 days prior to the termination of the permit.

[Order 413, 50 FR 11685, Mar. 25, 1985, as amended by Order 499, 53 FR 27002, July 18, 1988]

#### § 4.83 Cancellation and loss of priority.

(a) The Commission may cancel a preliminary permit after notice and opportunity for hearing if the permittee fails to comply with the specific terms and conditions of the permit. The Commission may also cancel a permit for other good cause shown after notice and opportunity for hearing. Cancellation of a permit will result in loss of the permittee's priority of application for a license for the proposed project.

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(b) Failure of a permittee to file an acceptable application for a license before the permit expires will result in loss of the permittee's priority of application for a license for the proposed project.

[Order 413, 50 FR 11686, Mar. 25, 1985]

**§ 4.84 Surrender of permit.**

A permittee must submit a petition to the Commission before the permittee may voluntarily surrender its permit. Unless the Commission issues an order to the contrary, the permit will remain in effect through the thirtieth day after the Commission issues a public notice of receipt of the petition.

[Order 413, 50 FR 11686, Mar. 25, 1985]

**Subpart J—Exemption of Small Conduit Hydroelectric Facilities**

**§ 4.90 Applicability and purpose.**

This subpart implements section 30 of the Federal Power Act and provides procedures for obtaining an exemption for constructed or unconstructed small conduit hydroelectric facilities, as defined in § 4.30(b)(26), from all or part of the requirements of Part I of the Federal Power Act, including licensing, and the regulations issued under Part I.

[Order 76, 45 FR 28090, Apr. 28, 1980, as amended by Order 413, 50 FR 11686, Mar. 25, 1985]

**§ 4.91 [Reserved]**

**§ 4.92 Contents of exemption application.**

(a) An application for exemption for this subpart must include:

- (1) An introductory statement, including a declaration that the facility for which application is made meets the requirements of § 4.30(b)(26), the facility qualifies but for the discharge requirement of § 4.30(b)(26)(v), the introductory statement must identify that fact and state that the application is accompanied by a petition for waiver of § 4.30(b)(26)(v), filed pursuant to § 385.207 of this chapter);
- (2) Exhibits A, B, E, and G;
- (3) An appendix containing documentary evidence showing that the appli-

cant has the real property interests required under § 4.31(b); and

(4) Identification of all Indian tribes that may be affected by the project.

(b) *Introductory Statement.* The introductory statement must be set forth in the following format:

BEFORE THE FEDERAL ENERGY REGULATORY COMMISSION

*Application for Exemption for Small Conduit Hydroelectric Facility*

[Name of applicant] applies to the Federal Energy Regulatory Commission for an exemption for the [name of facility], a small conduit hydroelectric facility that meets the requirements of [insert the following language, as appropriate: “§ 4.30(b)(26) of this subpart” or “§ 4.30(b)(26) of this subpart, except paragraph (b)(26)(v)’’], from certain provisions of Part I of the Federal Power Act.

The location of the facility is:  
State or Territory: \_\_\_\_\_  
County: \_\_\_\_\_  
Township or nearby town: \_\_\_\_\_  
The exact name and business address of each applicant is: \_\_\_\_\_

The exact name and business address of each person authorized to act as agent for the applicant in this application is: \_\_\_\_\_

[Name of applicant] is [a citizen of the United States, an association of citizens of the United States, a municipality, State, or a corporation incorporated under the laws of (specify the United States or the state of incorporation, as appropriate), as appropriate].

The provisions of Part I of the Federal Power Act for which exemption is requested are:

[List here all sections or subsections for which exemption is requested.]

[If the facility does not meet the requirement of § 4.30(b)(26)(v), add the following sentence: “This application is accompanied by a petition for waiver of § 4.30(b)(26)(v), submitted pursuant to 18 CFR 385.207.”]

(c) *Exhibit A.* Exhibit A must describe the small conduit hydroelectric facility and proposed mode of operation with appropriate references to Exhibits B and G. To the extent feasible the information in this exhibit may be submitted in tabular form. The following information must be included:

- (1) A brief description of any conduits and associated consumptive water supply facilities, intake facilities,

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powerhouses, and any other structures associated with the facility.

(2) The proximate natural sources of water that supply the related conduit.

(3) The purposes for which the conduit is used.

(4) The number of generating units, including auxiliary units, the capacity of each unit, and provisions, if any, for future units.

(5) The type of each hydraulic turbine.

(6) A description of how the plant is to be operated, manually or automatically, and whether the plant is to be used for peaking.

(7) Estimations of:

(i) The average annual generation in kilowatt hours;

(ii) The average head of the plant;

(iii) The hydraulic capacity of the plant (flow through the plant) in cubic feet per second;

(iv) The average flow of the conduit at the plant or point of diversion (using best available data and explaining the sources of the data and the method of calculation); and

(v) The average amount of the flow described in paragraph (c)(7)(iv) of this section available for power generation.

(8) The planned date for beginning construction of the facility.

(9) If the hydroelectric facility discharges directly into a natural body of water and a petition for waiver of §4.30(b)(26)(v) has not been submitted, evidence that a quantity of water equal to or greater than the quantity discharged from the hydroelectric facility is withdrawn from that water body downstream into a conduit that is part of the same water supply system as the conduit on which the hydroelectric facility is located.

(10) If the hydroelectric facility discharges directly to a point of agricultural, municipal, or industrial consumption, a description of the nature and location of that point of consumption.

(11) A description of the nature and extent of any construction of a dam that would occur in association with construction of the proposed small conduit hydroelectric facility, including a statement of the normal maximum surface area and normal maximum surface elevation of any existing impoundment

before and after that construction; and any evidence that the construction would occur for agricultural, municipal, or industrial consumptive purposes even if hydroelectric generating facilities were not installed.

(d) *Exhibit B.* Exhibit B is a general location map that must show the following information:

(1) The physical structures of the small conduit hydroelectric facility in relation to the conduit and any dam to which any of these structures is attached;

(2) A proposed project boundary enclosing all project works to be exempted from licensing; and

(3) The ownership of the parcels of land within the proposed boundary for the small conduit hydroelectric facility.

(e) *Exhibit E.* This exhibit is an Environmental Report. It must be prepared pursuant to §4.38 and must include the following information, commensurate with the scope and environmental impact of the facility's construction and operation:

(1) A description of the environmental setting in the vicinity of the facility, including vegetative cover, fish and wildlife resources, water quality and quantity, land and water uses, recreational use, socio-economic conditions, historical and archeological resources, and visual resources. The report must give special attention to endangered or threatened plant and animal species, critical habitats, and sites eligible for or included on the National Register of Historic Places. The applicant may obtain assistance in the preparation of this information from State natural resources agencies, the State historic preservation officer, and from local offices of Federal natural resources agencies.

(2) A description of the expected environmental impacts resulting from the continued operation of an existing small conduit hydroelectric facility, or from the construction and operation of a proposed small conduit hydroelectric facility, including a discussion of the specific measures proposed by the applicant and others to protect and enhance environmental resources and to mitigate adverse impacts of the facility on them.

(3) A description of alternative means of obtaining an amount of power equivalent to that provided by the proposed or existing facility.

(4) Any additional information the applicant considers important.

(f) *Exhibit G.* Exhibit G is a set of drawings showing the structures and equipment of the small conduit hydroelectric facility. The drawings must include plan, elevation, profile, section views of the power plant, and any other principal facility structure and of any dam to which a facility structure is attached. Each drawing must be an ink drawing or a drawing of similar quality on a sheet no smaller than eight and one-half inches by eleven inches, with a scale no smaller than one inch equals 50 feet for plans and profiles and one inch equals 10 feet for sections. Generating and auxiliary equipment must be clearly and simply depicted and described. For purposes of this subpart, these drawing specifications replace those required in § 4.39 of the Commission's regulations.

[Order 76, 45 FR 28090, Apr. 28, 1980, as amended by Order 413, 50 FR 11686, Mar. 25, 1985; Order 533, 56 FR 23153, May 20, 1991]

#### § 4.93 Action on exemption applications.

(a) An application for exemption that does not meet the eligibility requirements of § 4.30(b)(26)(v) may be accepted, provided the application has been accompanied by a request for waiver under § 4.92(a)(1) and the waiver request has not been denied. Acceptance of an application that has been accompanied by a request for waiver under § 4.92(a)(1) does not constitute a ruling on the waiver request, unless expressly stated in the acceptance.

(b) The Commission will circulate a notice of application for exemption to interested agencies and Indian tribes at the time the applicant is notified that the application is accepted for filing.

(c) In granting an exemption the Commission may prescribe terms or conditions in addition to those set forth in § 4.94, in order to:

(1) Protect the quality or quantity of the related water supply for agricultural, municipal, or industrial consumption;

(2) Otherwise protect life, health, or property;

(3) Avoid or mitigate adverse environmental impact; or

(4) Conserve, develop, or utilize in the public interest the water power resources of the region.

(d) *Conversion to license application.* (1) If an application for exemption under this subpart is denied by the Commission, the applicant may convert the exemption application into an application for license for the hydroelectric project.

(2) The applicant must provide the Commission with written notification, within 30 days after the date of issuance of the order denying exemption, that it intends to convert the exemption application into a license application. The applicant must submit to the Commission, no later than 90 days after the date of issuance of the order denying exemption, additional information that is necessary to conform the exemption application to the relevant regulations for a license application.

(3) If all the information timely submitted is found sufficient, together with the application for exemption, to conform to the relevant regulations for a license application, the converted application will be considered *accepted for filing* as of the date that the exemption application was accepted for filing.

[Order 76, 45 FR 28090, Apr. 28, 1980, as amended by Order 413, 50 FR 11687, Mar. 25, 1985; Order 533, 56 FR 23153, May 20, 1991]

#### § 4.94 Standard terms and conditions of exemption.

Any exemption granted under § 4.93 for a small conduit hydroelectric facility is subject to the following standard terms and conditions:

(a) *Article 1.* The Commission reserves the right to conduct investigations under sections 4(g), 306, 307, and 311 of the Federal Power Act with respect to any acts, complaints, facts, conditions, practices, or other matters related to the construction, operation, or maintenance of the exempt facility. If any term or condition of the exemption is violated, the Commission may revoke the exemption, issue a suitable order under section 4(g) of the Federal Power

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Act, or take appropriate action for enforcement, forfeiture, or penalties under Part III of the Federal Power Act.

(b) *Article 2.* The construction, operation, and maintenance of the exempt project must comply with any terms and conditions that the United States Fish and Wildlife Service, the National Marine Fisheries Service, and any state fish and wildlife agencies have determined are appropriate to prevent loss of, or damage to, fish or wildlife resources or otherwise to carry out the purposes of the Fish and Wildlife Coordination Act, as specified in exhibit E of the application for exemption from licensing or in the comments submitted in response to the notice of exemption application.

(c) *Article 3.* The Commission may revoke this exemption if actual construction of any proposed generating facilities has not begun within two years or has not been completed within four years from the effective date of this exemption. If an exemption is revoked under this article, the Commission will not accept from the prior exemption holder a subsequent application for exemption from licensing or a notice of exemption from licensing for the same project within two years of the revocation.

(d) *Article 4.* In order to best develop, conserve, and utilize in the public interest the water resources of the region, the Commission may require that the exempt facilities be modified in structure or operation or may revoke this exemption.

(e) *Article 5.* The Commission may revoke this exemption if, in the application process, material discrepancies, inaccuracies, or falsehoods were made by or on behalf of the applicant.

(f) *Article 6.* Before transferring any property interests in the exempt project, the exemption holder must inform the transferee of the terms and conditions of the exemption. Within 30 days of transferring the property interests, the exemption holder must inform the Commission of the identity and address of the transferee.

[Order 76, 45 FR 28090, Apr. 28, 1980, as amended by Order 413, 50 FR 11687, Mar. 25, 1985; Order 413-A, 56 FR 31331, July 10, 1991]

#### § 4.95 Surrender of exemption.

(a) To voluntarily surrender its exemption, a holder of an exemption for a small conduit hydroelectric facility must file a petition with the Commission.

(b)(1) If construction has begun, prior to filing a petition with the Commission, the exemption holder must consult with the fish and wildlife agencies in accordance with § 4.38, substituting for the information required under § 4.38(b)(1) information appropriate to the disposition and restoration of the project works and lands. The petition must set forth the exemption holder's plans with respect to disposition and restoration of the project works and lands.

(2) If construction has begun, public notice of the petition will be given, and, at least 30 days thereafter, the Commission will act upon the petition.

(c) If no construction has begun, unless the Commission issues an order to the contrary, the exemption will remain in effect through the thirtieth day after the Commission issues a public notice of receipt of the petition. New applications involving the site of the surrendered exemption may be filed on the next business day.

(d) Exemptions may be surrendered only upon fulfillment by the exemption holder of such obligations under the exemption as the Commission may prescribe and, if construction has begun, upon such conditions with respect to the disposition of such project works and restoration of project lands as may be determined by the Commission and the Federal and state fish and wildlife agencies.

[Order 413, 50 FR 11687, Mar. 25, 1985]

#### § 4.96 Amendment of exemption.

(a) An exemption holder must construct and operate its project as described in the exemption application approved by the Commission or its delegate.

(b) If an exemption holder desires to change the design, location, method of construction or operation of its

project, it must first notify the appropriate Federal and state fish and wildlife agencies and inform them in writing of the changes it intends to implement. If these agencies determine that the changes would not cause the project to violate the terms and conditions imposed by the agencies, and if the changes would not materially alter the design, location, method of construction or operation of the project, the exemption holder may implement the changes. If any of these agencies determines that the changes would cause the project to violate the terms and conditions imposed by the agencies, or if the changes would materially alter the design, location, method of construction or the operation of the project works, the exemption holder may not implement the changes without first acquiring authorization from the Commission to amend its exemption, or acquiring a license that authorizes the project, as changed.

(c) An application to amend an exemption may be filed only by the holder of the exemption. An application to amend an exemption will be governed by the Commission's regulations governing applications for exemption. The Commission will not accept applications in competition with an application to amend an exemption, unless the Director of the Office of Hydropower Licensing determines that it is in the public interest to do so.

[Order 413, 50 FR 11687, Mar. 25, 1985]

### Subpart K—Exemption of Small Hydroelectric Power Projects of 5 Megawatts or Less

#### § 4.101 Applicability.

This subpart provides procedures for exemption on a case-specific basis from all or part of Part I of the Federal Power Act (Act), including licensing,

for small hydroelectric power projects as defined in § 4.30(b)(27).

(Energy Security Act of 1980, Pub. L. 96-294, 94 Stat. 611; Federal Power Act, as amended (16 U.S.C. 792-828c); Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 2601-2645); and the Department of Energy Organization Act (42 U.S.C. 7101-7352); E.O. 12009, 3 CFR 142 (1978))

[Order 202, 47 FR 4243, Jan. 29, 1982, as amended by Order 413, 50 FR 11687, Mar. 25, 1985; Order 482, 52 FR 39630, Oct. 23, 1987]

#### § 4.102 Surrender of exemption.

(a) To voluntarily surrender its exemption, a holder of an exemption for a small hydroelectric power project must file a petition with the Commission.

(b)(1) If construction has begun, prior to filing a petition with the Commission, the exemption holder must consult with the fish and wildlife agencies in accordance with § 4.38, substituting for the information required under § 4.38(b)(1) information appropriate to the disposition and restoration of the project works and lands. The petition must set forth the exemption holder's plans with respect to disposition and restoration of the project works and lands.

(2) If construction has begun, public notice of the petition will be given, and, at least 30 days thereafter, the Commission will act upon the petition. New applications involving the site may be filed on the next business day.

(c) If no construction had begun, unless the Commission issues an order to the contrary, the surrender will take effect at the close of the thirtieth day after the Commission issues a public notice of receipt of the petition. New applications involving the site may be filed on the next business day.

(d) Exemptions may be surrendered only upon fulfillment by the exemption holder of such obligations under the exemption as the Commission may prescribe and, if construction has begun, upon such conditions with respect to the disposition of such project works and restoration of project lands as may be determined by the Commission and

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the Federal and state fish and wildlife agencies.

(e) Where occupancy of United States lands or reservations has been permitted by a Federal agency having supervision over such lands, the exemption holder must concurrently notify that agency of the petition to surrender and of the steps that will be taken to restore the affected U.S. lands or reservations.

[Order 413, 50 FR 11688, Mar. 25, 1985]

#### § 4.103 General provisions for case-specific exemption.

(a) *Exemptible projects.* Subject to the provisions in paragraph (b) of this section, § 4.31(c), and §§ 4.105 and 4.106, the Commission may exempt on a case-specific basis any small hydroelectric power project from all or part of Part I of the Act, including licensing requirements. Any applications for exemption for a project shall conform to the requirements of §§ 4.107 or 4.108, as applicable.

(b) *Limitation for licensed water power project.* The Commission will not accept for filing an application for exemption from licensing for any project that is only part of a licensed water power project.

(c) *Waiver.* In applying for case-specific exemption from licensing, a qualified exemption applicant may petition under § 385.207 of this chapter for waiver of any specific provision of §§ 4.102 through 4.107. The Commission will grant a waiver only if consistent with section 408 of the Energy Security Act of 1980.

[Order 413, 50 FR 11688, Mar. 25, 1985, as amended by Order 503, 53 FR 36568, Sept. 21, 1988]

#### § 4.104 Amendment of exemption.

(a) An exemption holder must construct and operate its project as described in the exemption application approved by the Commission or its delegate.

(b) If an exemption holder desires to change the design, location, method of construction or operation of its project, it must first notify the appropriate Federal and state fish and wildlife agencies and inform them in writing of the changes it intends to imple-

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ment. If these agencies determine that the changes would not cause the project to violate the terms and conditions imposed by the agencies, and if the changes would not materially alter the design, location, method of construction or operation of the project, the exemption holder may implement the changes. If any of these agencies determines that the changes would cause the project to violate the terms and conditions imposed by that agency, or if the changes would materially alter the design, location, method of construction or the operation of the project works, the exemption holder may not implement the changes without first acquiring authorization from the Commission to amend its exemption or acquiring a license for the project works that authorizes the project, as changed.

(c) An application to amend an exemption may be filed only by the holder of an exemption. An application to amend an exemption will be governed by the Commission's regulations governing applications for exemption. The Commission will not accept applications in competition with an application to amend an exemption, unless the Director of the Office of Hydropower Licensing determines that it is in the public interest to do so.

[Order 413, 50 FR 11688, Mar. 25, 1985]

#### § 4.105 Action on exemption applications.

(a) *Exemption from provisions other than licensing.* An application for exemption of a small hydroelectric power project from provisions of Part I of the Act other than the licensing requirement will be processed and considered as part of the related application for license or amendment of license.

(b)(1) *Consultation.* The Commission will circulate a notice of application for exemption from licensing to interested agencies and Indian tribes at the time the applicant is notified that the application is accepted for filing.

(2) *Non-standard terms and conditions.* In approving any application for exemption from licensing, the Commission may prescribe terms or conditions in addition to those set forth in § 4.106 in order to:

- (i) Protect the quality or quantity of the related water supply;
- (ii) Otherwise protect life, health, or property;
- (iii) Avoid or mitigate adverse environmental impact; or
- (iv) Better conserve, develop, or utilize in the public interest the water resources of the region.

(Energy Security Act of 1980, Pub. L. 96-294, 94 Stat. 611; Federal Power Act, as amended (16 U.S.C. 792-828c); Public Utility Regulatory Policies Act of 1978 (16 U.S.C. 2601-2645); and the Department of Energy Organization Act (42 U.S.C. 7101-7352); E.O. 12009, 3 CFR 142 (1978))

[Order 106, 45 FR 76123, Nov. 18, 1980, as amended by Order 202, 47 FR 4246, Jan. 29, 1982; Order 413, 50 FR 11688, Mar. 25, 1985; Order 533, 56 FR 23154, May 20, 1991]

**§ 4.106 Standard terms and conditions of case-specific exemption from licensing.**

Any case-specific exemption from licensing granted for a small hydroelectric power project is subject to the following standard terms and conditions:

- (a) *Article 1.* The Commission reserves the right to conduct investigations under sections 4(g), 306, 307, and 311 of the Federal Power Act with respect to any acts, complaints, facts, conditions, practices, or other matters related to the construction, operation, or maintenance of the exempt project. If any term or condition of the exemption is violated, the Commission may revoke the exemption, issue a suitable order under section 4(g) of the Federal Power Act, or take appropriate action for enforcement, forfeiture, or penalties under Part III of the Federal Power Act.
- (b) *Article 2.* The construction, operation, and maintenance of the exempt project must comply with any terms and conditions that the United States Fish and Wildlife Service, the National Marine Fisheries Service, and any state fish and wildlife agencies have determined are appropriate to prevent loss of, or damage to, fish or wildlife resources or otherwise to carry out the purposes of the Fish and Wildlife Coordination Act, as specified in exhibit E of the application for exemption from licensing or in the comments sub-

mitted in response to the notice of exemption application.

(c) *Article 3.* The Commission may revoke this exemption if actual construction of any proposed generating facilities has not begun within two years or has not been completed within four years from the date on which this exemption was granted. If an exemption is revoked under this article, the Commission will not accept from the prior exemption holder a subsequent application for exemption from licensing for the same project within two years of the revocation.

(d) *Article 4.* This exemption is subject to the navigation servitude of the United States if the project is located on navigable waters of the United States.

(e) *Article 5.* This exemption does not confer any right to use or occupy any Federal lands that may be necessary for the development or operation of the project. Any right to use or occupy any Federal lands for those purposes must be obtained from the administering Federal land agencies. The Commission may accept a license application submitted by any qualified license applicant and revoke this exemption, if any necessary right to use or occupy Federal lands for those purposes has not been obtained within one year from the date on which this exemption was granted.

(f) *Article 6.* In order to best develop, conserve, and utilize in the public interest the water resources of the region, the Commission may require that the exempt facilities be modified in structure or operation or may revoke this exemption.

(g) *Article 7.* The Commission may revoke this exemption if, in the application process, material discrepancies, inaccuracies, or falsehoods were made by or on behalf of the applicant.

(h) *Article 8.* Any exempted small hydroelectric power project that utilizes a dam that is more than 33 feet in height above streambed, as defined in 18 CFR 12.31(c) of this chapter, impounds more than 2,000 acre-feet of water, or has a significant or high hazard potential, as defined in 33 CFR part 222, is subject to the following provisions of 18 CFR part 12, as it may be amended:

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- (1) Section 12.4(b)(1) (i) and (ii), (b)(2) (i) and (iii), (b)(iv), and (b)(v);
- (2) Section 12.4(c);
- (3) Section 12.5;
- (4) Subpart C; and
- (5) Subpart D.

For the purposes of applying these provisions of 18 CFR part 12, the exempted project is deemed to be a licensed project development and the owner of the exempted project is deemed to be a licensee.

(i) Before transferring any property interests in the exempt project, the exemption holder must inform the transferee of the terms and conditions of the exemption. Within 30 days of transferring the property interests, the exemption holder must inform the Commission of the identity and address of the transferee.

[Order 106, 45 FR 76123, Nov. 18, 1980; 45 FR 77420, Nov. 24, 1980, as amended by Order 202, 47 FR 4246, Jan. 29, 1982; Order 413, 50 FR 11688, Mar. 25, 1985; Order 482, 52 FR 39630, Oct. 23, 1987; Order 413-A, 56 FR 31331, July 10, 1991]

§4.107 Contents of application for exemption from licensing.

(a) General requirements. An application for exemption from licensing submitted under this subpart must contain the introductory statement, the exhibits described in this section, the fee prescribed in §381.601 of this chapter and, if the project structures would use or occupy any lands other than Federal lands, an appendix containing documentary evidence showing that applicant has the real property interests required under §4.31(c)(2)(ii). The applicant must identify in its application all Indian tribes that may be affected by the project.

(b) Introductory statement. The application must include an introductory statement that conforms to the following format:

BEFORE THE FEDERAL ENERGY REGULATORY COMMISSION

Application for Exemption of Small Hydroelectric Power Project From Licensing

(1) [Name of applicant] applies to the Federal Energy Regulatory Commission for an exemption for [name of project], a small hydroelectric power project that is proposed to have an installed capacity of 5 megawatts or less, from licensing under the Federal

Power Act. [If applicable: The project is currently licensed as FERC Project No. —.]

(2) The location of the project is: [State or territory] \_\_\_\_\_

[County] \_\_\_\_\_

[Township or nearby town] \_\_\_\_\_

[Stream or body of water] \_\_\_\_\_

(3) The exact name and business address of each applicant are: \_\_\_\_\_

\_\_\_\_\_

(4) The exact name and business address of each person authorized to act as agent for the applicant in this application are: \_\_\_\_\_

\_\_\_\_\_

(5) [Name of applicant] is [specify, as appropriate: a citizen of the United States or other identified nation; an association of citizens of the United States or other identified nation; a municipality; a state; or a corporation incorporated under the laws of (specify the United States or the state or nation of incorporation, as appropriate).]

(c) Exhibit A. Exhibit A must describe the small hydroelectric power project and its proposed mode of operation. To the extent feasible, the information in this exhibit may be submitted in tabular form. The applicant must submit the following information:

(1) A brief description of any existing dam and impoundment proposed to be utilized by the small hydroelectric power project and any other existing or proposed project works and appurtenant facilities, including intake facilities, diversion structures, powerhouses, primary transmission lines, penstocks, pipelines, spillways, and other structures, and the sizes, capacities, and construction materials of those structures.

(2) The number of existing and proposed generating units at the project, including auxiliary units, the capacity of each unit, any provisions for future units, and a brief description of any plans for retirement or rehabilitation of existing generating units.

(3) The type of each hydraulic turbine of the small hydroelectric power project.

(4) A description of how the power plant is to be operated, that is, run-of-river or peaking.

(5) A graph showing a flow duration curve for the project. Identify stream gauge(s) and period of record used. If a synthetic record is utilized, provide details concerning its derivation. Furnish justification for selection of installed capacity if the hydraulic capacity of proposed generating unit(s) plus the minimum flow requirements, if not usable for power production, is less than the stream flow that is exceeded 25 percent of the time.

(6) Estimations of:

(i) The average annual generation in kilowatt-hours;

(ii) The average and design head of the power plant;

(iii) The hydraulic capacity of each turbine of the power plant (flow through the plant) in cubic feet per second;

(iv) The number of surface acres of the man-made or natural impoundment used, if any, at its normal maximum surface elevation and its net and gross storage capacities in acre-feet.

(7) The planned date for beginning and completing the proposed construction or development of generating facilities.

(8) A description of the nature and extent of any repair, reconstruction, or other modification of a dam that would occur in association with construction or development of the proposed small hydroelectric power project, including a statement of the normal maximum surface area and normal maximum surface elevation of any existing impoundment before and after construction.

(d) *Exhibit B.* Exhibit B is a general location map, which may be prepared on United States Geological Survey topographic quadrangle sheets or similar topographic maps of a state agency, enlarged, if necessary, to show clearly and legibly all of the information required by this paragraph. The map must show the following information:

(1) The location of the existing and proposed physical structures of the small hydroelectric power project, including any dam or diversion structure, reservoir or impoundment, penstocks, pipelines, power plants, access roads, transmission lines, and other important features.

(2) The relationship of the project structures to the stream or other body

of water on which the project is located and to the nearest town or other permanent objects that can be readily recognized in the field.

(3) A description of who owns or otherwise has real property interests in any tract of land occupied by the small hydroelectric power project or the structures to which it is directly connected.

(4) A proposed project boundary enclosing project works to be exempted from licensing.

(e) *Exhibit E.* This exhibit is an environmental report that must include the following information, commensurate with the scope and environmental impact of the construction and operation of the small hydroelectric power project. See §4.38 for consultation requirements.

(1) A description of the environmental setting of the project, including vegetative cover, fish and wildlife resources, water quality and quantity, land and water uses, recreational uses, historical and archeological resources, and scenic and aesthetic resources. The report must list any endangered or threatened plant and animal species, any critical habitats, and any sites eligible for or included on the National Register of Historic Places. The applicant may obtain assistance in the preparation of this information from state natural resources agencies, the state historic preservation officer, and from local offices of Federal natural resources agencies.

(2) A description of the expected environmental impacts from the proposed construction or development and the proposed operation of the small hydroelectric power project, including any impacts from any proposed changes in the capacity and mode of operation of the project if it is already generating electric power, and an explanation of the specific measures proposed by the applicant, the agencies consulted, and others to protect and enhance environmental resources and values and to mitigate adverse impacts of the project on such resources.

(3) Any additional information the applicant considers important.

(f) *Exhibit G.* Exhibit G is a set of drawings showing the structures and equipment, that is, the proposed and

#### § 4.108

existing project works, of the small hydroelectric power project. The drawings must include plan, elevation, and section views of the power plant, any existing dam or diversion structure, and any other principal structure of the project.

[Order 106, 45 FR 76123, Nov. 18, 1980, as amended by Order 225, 47 FR 19056, May 3, 1982; Order 413, 50 FR 11689, Mar. 25, 1985; Order 494, 53 FR 15381, Apr. 29, 1988; Order 533, 56 FR 23154, May 20, 1991]

#### § 4.108 Contents of application for exemption from provisions other than licensing.

An application for exemption of a small hydroelectric power project from provisions of Part I of the Act other than the licensing requirement need not be prepared according to any specific format, but must be included as an identified appendix to the related application for license or amendment of license. The application for exemption must list all sections or subsections of Part I of the Act for which exemption is requested.

[Order 106, 45 FR 76123, Nov. 18, 1980]

### Subpart L—Application for Amendment of License

#### § 4.200 Applicability.

This part applies to any application for amendment of a license, if the applicant seeks to:

(a) Make a change in the physical features of the project or its boundary, or make an addition, betterment, abandonment, or conversion, of such character as to constitute an alteration of the license;

(b) Make a change in the plans for the project under license; or

(c) Extend the time fixed on the license for commencement or completion of project works.

[Order 184, 46 FR 55943, Nov. 13, 1981]

#### § 4.201 Contents of application.

An application for amendment of a license for a water power project must contain the following information in the form specified.

(a) *Initial statement.*

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BEFORE THE FEDERAL ENERGY REGULATORY  
COMMISSION

##### *Application for Amendment of License*

(1) [Name of applicant] applies to the Federal Energy Regulatory Commission for an amendment of license for the [name of project] water power project.

(2) The exact name, business address, and telephone number of the applicant are:

(3) The applicant is a [citizen of the United States, association of citizens of the United States, domestic corporation, municipality, or state, as appropriate, see 16 U.S.C. 796], licensee for the water power project, designated as Project No. \_\_\_\_\_ in the records of the Federal Energy Regulatory Commission, issued on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

(4) The amendments of license proposed and the reason(s) why the proposed changes are necessary, are: [Give a statement or description]

(5)(i) The statutory or regulatory requirements of the state(s) in which the project would be located that affect the project as proposed with respect to bed and banks and to the appropriation, diversion, and use of water for power purposes are: [provide citation and brief identification of the nature of each requirement.]

(ii) The steps which the applicant has taken or plans to take to comply with each of the laws cited above are: [provide brief description for each law.]

(b) *Required exhibits for capacity related amendments.* Any application to amend a license for a hydropower project that involves additional capacity not previously authorized, and that would increase the actual or proposed total installed capacity of the project, would result in an increase in the maximum hydraulic capacity of the project of 15 percent or more, and would result in an increase in the installed nameplate capacity of 2 megawatts or more, must contain the following exhibits, or revisions or additions to any exhibits on file, commensurate with the scope of the licensed project:

(1) For amendment of a license for a water power project that, at the time the application is filed, is not constructed and is proposed to have a total installed generating capacity of more than 5 MW—Exhibits A, B, C, D, E, F, and G under § 4.41 of this chapter;

(2) For amendment of a license for a water power project that, at the time

the application is filed, is not constructed and is proposed to have a total installed generating capacity of 1.5 MW or less—Exhibits E, F, and G under § 4.61 of this chapter;

(3) For amendment of a license for a water power project that, at the time the application is filed, is not constructed and is proposed to have a total installed generating capacity of 5 MW or less, but more than 1.5 MW—Exhibits F and G under § 4.61 of this chapter, and Exhibit E under § 4.41 of this chapter;

(4) For amendment of a license for a water power project that, at the time the application for amendment is filed, has been constructed, and is proposed to have a total installed generating capacity of 5 MW or less—Exhibit E, F and G under § 4.61 of this chapter;

(5) For amendment of a license for a water power project that, at the time the application is filed, has been constructed and is proposed to have a total installed generating capacity of more than 5 MW—Exhibits A, B, C, D, E, F, and G under § 4.51 of this chapter.

(c) *Required exhibits for non-capacity related amendments.* Any application to amend a license for a water power project that would not be a capacity related amendment as described in paragraph (b) of this section must contain those exhibits that require revision in light of the nature of the proposed amendments.

(d) *Consultation and waiver.* (1) If an applicant for license under this subpart believes that any exhibit required under paragraph (b) of this section is inappropriate with respect to the particular amendment of license sought by the applicant, a petition for waiver of the requirement to submit such exhibit may be submitted to the Commission under § 385.207(c)(4) of this chapter, after consultation with the Commission's Division by Hydropower Licensing.

(2) A licensee wishing to file an application for amendment of license under this section may seek advice from the Commission staff regarding which exhibit(s) must be submitted and whether the proposed amendment is con-

sistent with the scope of the existing licensed project.

[Order 184, 46 FR 55943, Nov. 13, 1981, as amended by Order 225, 47 FR 19056, May 3, 1982; 48 FR 4459, Feb. 1, 1983; 48 FR 16653, Apr. 19, 1983; Order 413, 50 FR 11689, Mar. 25, 1985; Order 533, 56 FR 23154, May 20, 1991]

#### § 4.202 Alteration and extension of license.

(a) If it is determined that approval of the application for amendment of license would constitute a significant alteration of license pursuant to section 6 of the Act, 16 U.S.C. 799, public notice of such application shall be given at least 30 days prior to action upon the application.

(b) Any application for extension of time fixed in the license for commencement or completion of construction of project works must be filed with the Commission not less than three months prior to the date or dates so fixed.

[Order 184, 46 FR 55943, Nov. 13, 1981]

#### Subpart M—Fees Under Section 30(e) of the Act

SOURCE: Order 487, 52 FR 48404, Dec. 22, 1987, unless otherwise noted.

#### § 4.300 Purpose, definitions, and applicability.

(a) *Purpose.* This subpart implements the amendments of section 30 of the Federal Power Act enacted by section 7(c) of the Electric Consumers Protection Act of 1986 (ECPA). It establishes procedures for reimbursing fish and wildlife agencies for costs incurred in connection with applications for an exemption from licensing and applications for licenses seeking benefits under section 210 of the Public Utility Regulatory Policies Act of 1978, as amended, for a project that would impound or divert the water of a natural watercourse by means of a new dam or diversion.

(b) *Definitions.* For the purposes of this subpart—

(1) *Cost* means an expenditure made by a fish and wildlife agency:

(i) On or after the effective date of this regulation for an application filed

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on or after the effective date of this regulation; and

(ii) Directly related to setting mandatory terms and conditions for a proposed project pursuant to section 30(c) of the Federal Power Act.

(2) *Cost statement* means a statement of the total costs for which a fish and wildlife agency requests reimbursement including an itemized schedule of costs including, but not limited to, costs of fieldwork and testing, contract costs, travel costs, personnel costs, and administrative and overhead costs.

(3) *Mandatory terms and conditions* means terms and conditions of a license or exemption that a fish and wildlife agency determines are appropriate to prevent loss of, or damage to, fish and wildlife resources pursuant to section 30(c) of the Federal Power Act.

(4) *New dam or diversion license applicant* means an applicant for a license for a project that would impound or divert the water of a natural watercourse by means of a new dam or diversion, as defined in section 210(k) of the Public Utility Regulatory Policies Act of 1978, as amended.

(5) *PURPA benefits* means benefits under section 210 of the Public Utility Regulatory Policies Act of 1978, as amended.

(6) *Section 30(c) application* means an application for an exemption from licensing or a new dam or diversion license application seeking PURPA benefits.

(c) *Applicability*. Except as provided in paragraph (d) of this section, this subpart applies to:

(1) Any application for exemption filed on or after the effective date of these regulations for costs incurred by fish and wildlife agencies after the effective date of these regulations;

(2) Any new dam or diversion license application seeking PURPA benefits filed on or after April 16, 1988;

(3) Any new dam or diversion license application seeking PURPA benefits filed after the effective date of this regulation, but before April 16, 1988, if the applicant fails to demonstrate in a monetary resources petition filed with the Commission pursuant to §292.208 of this chapter that, before October 16, 1986, it had committed substantial monetary resources directly related to

the development of the proposed project and to the diligent and timely completion of all requirements of the Commission for filing an acceptable application; and

(4) Any new dam or diversion license application seeking PURPA benefits filed after the effective date of this regulation, if the application is not accepted for filing before October 16, 1989.

(d) *Exceptions*. (1) This subpart does not apply to any new dam or diversion license application seeking PURPA benefits if the moratorium described in section 8(e) of ECPA is in effect. The moratorium will end at the expiration of the first full session of Congress following the session during which the Commission reports to Congress on the results of the study required under section 8(d) of ECPA.

(2) This subpart does not apply to any new dam or diversion license application seeking PURPA benefits for a project located at a Government dam, as defined in section 3(10) of the Federal Power Act, at which non-Federal hydroelectric development is permissible.

#### §4.301 Notice to fish and wildlife agencies and estimation of fees prior to filing.

(a) *Notice to agencies*—(1) *New dam or diversion license applicants*. During the initial stage or pre-filing agency consultation under §4.38(b)(1), a prospective new dam or diversion license applicant must inform each fish and wildlife agency consulted in writing with a copy to the Commission whether it will seek PURPA benefits.

(2) *Exemption applicants*. During the initial stage of pre-filing agency consultation under §4.38(b)(1), a prospective exemption applicant must notify each fish and wildlife agency consulted that it will seek an exemption from licensing.

(b) *Estimate of fees*. Within the comment period provided in §4.38(b)(2)(iv), a fish and wildlife agency must provide a prospective section 30(c) applicant with a reasonable estimate of the total costs the agency anticipates it will incur to set mandatory terms and conditions for the proposed project. An agency may provide an applicant with

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an updated estimate as it deems necessary. If an agency believes that its most recent estimate will be exceeded by more than 25 percent, it must supply the prospective applicant or applicant with a new estimate and submit a copy to the Commission.

### § 4.302 Fees at filing.

(a) *Filing requirement.* A section 30(c) application must be accompanied by a fee or a bond, together with copies of the most recent cost estimates provided by fish and wildlife agencies pursuant to § 4.301(b).

(b) *Amount.* The fee required under paragraph (a) of this section must be in an amount equal to 50 percent of the most recent cost estimates provided by fish and wildlife agencies pursuant to § 4.301(b). In lieu of this amount, an applicant may provide an unlimited term surety bond from a company on the Department of Treasury's list of companies certified to write surety bonds. Applicants bonded by a company whose certification by the Department of the Treasury lapses must provide evidence of purchase of another bond from a certified company. A bond must be for an amount no less than 100 percent of the agencies' most recent cost estimates pursuant to § 4.301(b).

(c) *Failure to file.* The Commission will reject a section 30(c) application if the applicant fails to comply with the provisions of paragraphs (a) and (b) of this section.

### § 4.303 Post-filing procedures.

(a) *Submission of cost statement—(1) Accepted applications.* Within 60 days after the last date for filing mandatory terms and conditions pursuant to § 4.32(c)(4) for a new dam or diversion license application seeking PURPA benefits, § 4.93(b) for an application for exemption of a small conduit hydroelectric facility, or § 4.105(b)(1) for an application for case-specific exemption of a small hydroelectric power project, a fish and wildlife agency must file with the Commission a cost statement of the reasonable costs the agency incurred in setting mandatory terms and conditions for the proposed project. An agency may request, in writing, along with any supporting documentation an extension of this 60-day period.

(2) *Rejected, withdrawn or dismissed applications.* The Director of the Office of Hydropower Licensing (Director) will, by letter, notify each fish and wildlife agency if a section 30(c) application is rejected, withdrawn or dismissed. Within 60 days from the date of notification, a fish and wildlife agency must file with the Commission a cost statement of the reasonable costs the agency incurred prior to the date the application was rejected, withdrawn, or dismissed. An agency may submit a written request for an extension of this 60-day period along with any supporting documentation.

(b) If an agency has not submitted a cost statement or extension request within the time provided in paragraph (a)(2) of this section, it waives its right to receive fees for that project pursuant to this subpart.

(c) *Billing.* After the Commission receives a cost statement from all fish and wildlife agencies as required by paragraph (a) of this section, the Commission will bill the section 30(c) applicant. The bill will show:

(1) The cost statement submitted to the Commission by each fish and wildlife agency;

(2) Any amounts already paid by the applicant pursuant to § 4.302; and

(3)(i) The amount due, if the amount already paid by the applicant pursuant to § 4.302 is less than the total of all the cost statements; or

(ii) The amount to be refunded to the applicant, if the amount already paid by the applicant pursuant to § 4.302 is more than the total of all the cost statements.

(d) Within 45 days from the date of a bill issued under paragraph (b) of this section, a section 30(c) applicant must pay in full to the Commission any remaining amounts due on the cost statements regardless of whether any of these amounts are in dispute.

(e) *Dispute procedures—(1) When to dispute.* Any dispute regarding the reasonableness of any fish and wildlife agency cost statement must be made within 45 days from the date of a bill issued under paragraph (b) of this section.

(2) *Assessment of disputed cost statements* The burden of showing that an agency's cost statement is unreasonable is on the applicant. However, a

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fish and wildlife agency must supply the disputing applicant and the Commission with the documentation necessary to support its cost statement. The Director of the Office of Hydro-power Licensing will determine the reasonableness of a disputed fish and wildlife agency cost statement. The Director's decision will be in writing. The Director will notify the disputing applicant and the fish and wildlife agency of the decision by letter. Any decision of the Director may be appealed by either party pursuant to 18 CFR 385.1902. In deciding whether or not a disputed cost statement is reasonable, the Director will review the application, the disputed cost statement and any other documentation relating to the particular environmental problems associated with the disputing applicant's proposed project. The Director will consider such factors as:

- (i) The time the fish and wildlife agency spent reviewing the application;
- (ii) The proportion of the cost statement to the time the fish and wildlife agency spent reviewing the application;
- (iii) Whether the fish and wildlife agency's expenditures conform to Federal expenditure guidelines for such items as travel, per diem, personnel, and contracting; and
- (iv) Whether the studies conducted by the agency, if any, are duplicative, limited to the proposed project area, unnecessary to determine the impacts to or mitigation measures for the particular fish and wildlife resources affected by the proposed project, or otherwise unnecessary to set terms and conditions for the proposed project.

(3) *Unreasonable cost statements.* If the Director determines that a disputed fish and wildlife agency cost statement is unreasonable, the disputing applicant and the fish and wildlife agency will be afforded 45 days from the date of notification to attempt to reach an agreement regarding the reimbursable costs of the agency. If the disputing applicant and the fish and wildlife agency fail to reach an agreement on the disputed cost statement within 45 days from the date of notification, the Director will determine the costs that

the agency should reasonably have incurred.

(f) *Refunds.* (1) If the amount paid by a section 30(c) applicant under § 4.302 exceeds the total amount of the cost statements submitted by fish and wildlife agencies under paragraph (a) of this section, the Commission will notify the Treasury to refund the difference to the applicant within 45 days from the date of the bill issued to the applicant under paragraph (b) of this section.

(2) If the amount paid by a section 30(c) applicant exceeds the amount determined to be reasonable by the Director pursuant to paragraph (d)(2) of this section, the Commission will notify the Treasury to refund the difference to the applicant within 45 days of the resolution of all dispute proceedings.

#### § 4.304 Payment.

(a) A payment required under this subpart must be made by check payable to the United States Treasury. The check must indicate that the payment is for *ECPA Fees*.

(b) If a payment required under this subpart is not made within the time period prescribed for making such payment, interest and penalty charges will be assessed. Interest and penalty charges will be computed in accordance with 31 U.S.C. 3717 and 4 CFR part 102.

(c) The Commission will not issue a license or exemption, unless the applicant has made full payments of any fees due under § 4.303(c).

#### § 4.305 Enforcement.

(a) The Commission may take any appropriate action permitted by law if a section 30(c) applicant does not make a payment required under this subpart. The Commission will not be liable to any fish and wildlife agency for failure to collect any amounts under this subpart.

(b) If the Commission is unable to collect the full amount due by a section 30(c) applicant on behalf of more than one agency, the amount the Commission does collect will be distributed to the agencies on a *pro-rata* basis except if an agency's cost statement is greater than its most recent estimate to the applicant under § 4.301(b), then the difference between the estimate

and the cost statement will not be reimbursed until any amounts owed to other agencies have been paid.

## PART 6—SURRENDER OR TERMINATION OF LICENSE

Sec.

- 6.1 Application for surrender.
- 6.2 Surrender of license.
- 6.3 Termination of license.
- 6.4 Termination by implied surrender.
- 6.5 Annual charges.

AUTHORITY: Secs. 6, 10(i), 13, 41 Stat. 1067, 1068, 1071, as amended, sec. 309, 49 Stat. 858; 16 U.S.C. 799, 803(i), 806, 825h; Pub. L. 96-511, 94 Stat. 2812 (44 U.S.C. 3501 *et seq.*), unless otherwise noted.

### § 6.1 Application for surrender.

Every application for surrender of a license shall state the reason therefor; and, except in the case of an application for surrender of a license for a minor project, or for a transmission line only, shall be executed by the licensee and filed in the same form and manner as the application for license, and shall be accompanied by the license and all amendments thereof. Public notice of such application shall be given at least 30 days prior to action upon the application.

(Secs. 308 and 309; 49 Stat. 858, 859 (16 U.S.C. 825g, 825h))

[Order No. 570, 42 FR 40191, Aug. 9, 1977]

CROSS REFERENCES: For application for license, general provisions, see §§4.30 to 4.33, inclusive, of this chapter. For application for license for proposed major project or minor part thereof, see §§4.40 to 4.42, inclusive, of this chapter. For application for license for constructed major project or minor part thereof, see §§4.50 and 4.51 of this chapter. For forms for application for licenses, see §§131.2 to 131.6, inclusive, of this chapter.

### § 6.2 Surrender of license.

Licenses may be surrendered only upon the fulfillment by the licensee of such obligations under the license as the Commission may prescribe, and, if the project works authorized under the license have been constructed in whole or in part, upon such conditions with respect to the disposition of such works as may be determined by the Commission. Where project works have been constructed on lands of the

United States the licensee will be required to restore the lands to a condition satisfactory to the Department having supervision over such lands and annual charges will continue until such restoration has been satisfactorily completed.

[Order 175, 19 FR 5217, Aug. 18, 1954]

### § 6.3 Termination of license.

Licenses may be terminated by written order of the Commission not less than 90 days after notice thereof shall have been mailed to the licensee by certified mail to the last address whereof the Commission has been notified by the licensee, if there is failure to commence actual construction of the project works within the time prescribed in the license, or as extended by the Commission. Upon like notice, the authority granted under a license with respect to any separable part of the project works may be terminated if there is failure to begin construction of such separable part within the time prescribed or as extended by the Commission.

(Administrative Procedure Act, 5 U.S.C. 551-557 (1976); Federal Power Act, as amended, 16 U.S.C. 291-628 (1976 & Supp. V 1981), Dept. of Energy Organization Act 42 U.S.C. 7101-7352 (Supp. V 1981); E.O. 12009, 3 CFR 142 (1978))

[Order 141, 12 FR 8491, Dec. 19, 1947, as amended by Order 344, 48 FR 49010, Oct. 24, 1983]

### § 6.4 Termination by implied surrender.

If any licensee holding a license subject to the provisions of section 10(i) of the Act shall cause or suffer essential project property to be removed or destroyed, or become unfit for use, without replacement, or shall abandon, or shall discontinue good faith operation of the project for a period of three years, the Commission will deem it to be the intent of the licensee to surrender the license; and not less than 90 days after public notice may in its discretion terminate the license.

[Order 141, 12 FR 8491, Dec. 19, 1947]

### § 6.5 Annual charges.

Annual charges arising under a license surrendered or terminated shall continue until the effective date set