

DEPARTMENT OF ENERGY**48 CFR Parts 927, 952 and 970**

RIN 1991-AA23

Acquisition Regulation; Updating of Patent Regulations

AGENCY: Department of Energy (DOE).

ACTION: Final rule.

SUMMARY: The Department today amends the Department of Energy Acquisition Regulation (DEAR) to base the DOE patent regulations on the Federal Acquisition Regulation (FAR) patent regulations at Subpart 27.2 and the associated FAR patent clauses at 52.227 to the extent that the FAR coverage is consistent with the DOE statutory patent requirements.

EFFECTIVE DATE: April 3, 1995.

FOR FURTHER INFORMATION CONTACT:

Robert M. Webb, Procurement Policy Division (PR-121), U.S. Department of Energy, 1000 Independence Avenue, SW., Washington, D.C. 20585, (202) 586-8264

Sue Palk, Office of the Assistant General Counsel for Intellectual Property (GC-42), U.S. Department of Energy, 1000 Independence Avenue, SW., Washington, D.C. 20585, (202) 586-2802

SUPPLEMENTARY INFORMATION:

- I. Background
 - A. Discussion
 - B. Disposition of comments
- II. Procedural Requirements
 - A. Regulatory Review
 - B. Review Under the Regulatory Flexibility Act
 - C. Review Under the Paperwork Reduction Act
 - D. Review Under the National Environmental Policy Act
 - E. Review Under Executive Order 12612
 - F. Review Under Executive Order 12778

I. Background**A. Discussion**

The proposed rule was published on March 29, 1994, at 59 FR 14593 (1994). It was intended to amend the Department of Energy Acquisition Regulation to reflect the changes to DOE's statutory patent policy, arising out of the Atomic Energy Act of 1954, as amended, 42 U.S.C. 2011 *et seq.*, and the Federal Non-Nuclear Energy Research and Development Act, 42 U.S.C. 5901 *et seq.*, necessitated by the Bayh-Dole Act of 1980 and the Trademark Clarification Act of 1984. The rule is based on patent provisions at FAR 27.3 and FAR 52.227, varying to the extent necessary to fulfill DOE statutory and programmatic duties.

Six sets of comments were received. Of those one was from a private citizen, one was from a private organization, and four were from current DOE management and operating contractor organizations.

B. Disposition of Comments

Two commenters question the relationship of this rulemaking to DOE's contract reform initiative. This rulemaking, as stated in the preamble to the proposed rule is intended to update the DOE coverage of patent rights and to bring DOE's regulations on the subject more in line with the provisions of the Federal Acquisition Regulation (FAR). DOE believes this rulemaking is overdue and must be carried to completion. Any final developments of the Contract Reform Initiative that will affect patent rights will be reflected in a subsequent rulemaking.

One commenter questions the Department's ability to "issue independent technical data clauses which are deviations from those clauses published in the FAR." This rulemaking is directed to DOE's patent regulations, not its technical data regulations. The special status for DOE's patent coverage is statutory and was discussed in detail in the preamble to the proposed rule for this rulemaking. No change has been made.

The same commenter has questioned the inclusion of "demonstration" with research and development in establishing the scope of this regulation, while another has requested that the term be defined to distinguish the term from "research and development" to clarify the different rights that may accrue. As explained in the proposed rule, "research, development, and demonstration" is the statutory scope for the Department's patent policy and has been incorporated into this rulemaking. The second commenter requested a definition of "demonstration" predicated upon an assumption that different rights may accrue. This is not the case. We believe that the term "demonstration," particularly in light of its statutory basis, to be sufficiently clear. Therefore, neither change has been made.

One commenter suggests that the regulations at 927.300 and 927.302 refer to financial assistance transactions. The DEAR controls the award and administration in DOE of procurement contracts, the purposes of which are described in Public Law 95-224. It does not control the award or administration of either grants or cooperative agreements, assistance transactions, as the purposes of those terms are described in the same public law. For

the Department of Energy, the regulations governing assistance transactions are contained at 10 CFR part 600. For this reason, we have made not made the suggested change. The regulations governing patents for assistance instruments will be the subject of a separate rulemaking.

A commenter noted that at the new 927.300 the reference to the regulations that control DOE's granting of waivers of its ownership of inventions should be corrected to reflect that the location and content of those is not being affected by this rulemaking and will continue to exist at 41 CFR 9-9.1 of the old Department of Energy Procurement Regulations (DOE PR) until they are made the subject of their own rulemaking. A change has been made to the first sentence of 927.300(b). That same commenter suggests that the restatement of DOE policy concerning the granting of waivers at 927.300(b) and (c) be deleted. We believe those provisions are descriptive of the policy and yet make it clear that the controlling regulations are located elsewhere. Therefore, we have retained those provisions, modified as described above. We deleted the second sentence of 927.300(a) as unnecessary.

One commenter suggests that "Government" be substituted for "DOE" in the first sentence of 927.302(a). We have chosen to make a change using the phrase "the United States, as represented by DOE,".

The same commenter states that the statement of the authorities of the Assistant General Counsel for Technology Transfer and Intellectual Property that were contained at 9-9.109-3(d) of the DOE PR should be retained. We agree and have added them at 927.302(d).

Another commenter requests the addition of the phrase "or is unable to meet these market demands within a reasonable time" be added to the description of circumstances at 927.302(b) in which DOE would exercise its rights to require licensing of background patents to third parties on reasonable terms and conditions. The statement at 927.302(b) is merely descriptive, and, in fact, describes the substantial considerations in the Government's application for licensing of third parties. The terms of paragraph (k) of the clause at 952.227-13 control, and provide the contractor the opportunity to demonstrate to the Department's satisfaction that either the current market situation is satisfactory or can be made so in a reasonable time. We have not made a change, believing that the current sentence is descriptive. Any additional discussion would

require additional clarification, adding to the complexity of a provision that is merely descriptive, not regulatory.

A commenter has suggested revision of the third sentence of 927.302(c) to correct ambiguities in the listing of types of contracts for which the Government's rights in background patents may not be appropriate. We have made changes to the sentence that accomplish the intended purpose.

One commenter has noted that the clause at FAR 52.227-12, appropriately modified may suffice as a patent rights clause in a contract for which DOE has granted an advance waiver of its title. That may be the case. We have modified section 927.303(b) to reflect that possibility while maintaining the prohibition against the use of the clause generally.

One commenter objects to the inclusion at 952.227-9 of the Refund of Royalties clause in place of a clause of the same name in the FAR. The commenter suggests the use of a supplemental provision and, along with a second commenter, questions the authority of DOE to publish this clause where there is already a FAR provision. As explained in the preamble to the proposed rule, this clause is the FAR clause at 52.227-9 with the addition of sentences to assure the recognition of royalties deriving from technical data and copyrighted material and a disclaimer. The purpose of this clause and the FAR clause upon which it is based is to prevent the Government's paying royalties relating to a form of intellectual property to which it already has a license, perhaps royalty free. We have acted to expand the FAR provision to include all forms of intellectual property and to assure a continuing right to challenge the validity of intellectual property giving rise to the royalty. We believe these concerns to be of significant importance to DOE with its expansive technological mission. No entity is hurt by the minor changes to the FAR clause, except a firm that may today be in a position to acquire royalties from a Government contractor for use of technical data or copyrighted material to which the Government already has a license. We have retained the clause as it is in the proposed rule.

The second commenter says that the clause "is unclear on whether costs paid for technical assistance and transfer of know how are subject to repayment when the information transferred is not protected by a valid patent, copyright, or otherwise qualifies for intellectual property protections." We disagree. This clause in either of its forms is premised upon the payment of what is commonly recognized as a royalty or license fee. In

order for a royalty to be paid the payee must recognize a proprietary right in the property. If no such basis exists, a royalty would not be paid. The types of costs would be subject to the clause only to the extent that they are part of a royalty agreement and could be classified as a royalty. We have made no change.

We have deleted the phrase "in the performance of work" from the definition of "subject invention" as it appears in the clause at 952.227-13 to conform more closely to the statutory language. We have altered the definition of "patent counsel" in that clause to mean the patent counsel responsible for patent administration under the specific contract, rather than Headquarters Patent Counsel.

One commenter objects to the use of the word "consultation" in paragraph (b)(2) of the clause at 952.227-13 expressing the obligations of an employee prior to that employee's asserting an interest in a subject invention. The previous DOE clause allowed an employee-inventor to request greater rights after acquiring the authorization of the contractor-employer. Since the promulgation of the previous DOE clause, Bayh-Dole was enacted, offering this right to employee-inventors upon consultation with their small business or nonprofit employers. The FAR in the clause at 52.227-13 for use with large, profit-making companies has reflected this change.

The proposed rule language was premised upon the FAR language. Bayh-Dole and the FAR reflect an interest in maximizing the commercialization of inventions under Government contracts in these circumstances in which the contractor-employer has chosen not to pursue a request for greater rights in a subject invention. We can identify no DOE interest that demands that the employee-inventor acquire the permission of his employer. The contractor-employer can control this situation by fashioning an employment agreement to protect its interest. Such an agreement, not this clause, will control what form the employee-inventor's "consultation" takes. We have made no change.

One commenter has suggested that paragraph (e)(2) of the clause at 952.227-13 include a recognition of a statutory premise "that a reported invention will be deemed to have been made in the manner specified in Section (a) (1) and (2) of 42 U.S.C. 5908 unless the contractor contends in writing when the invention is reported that it was not so made." We agree and have made the change.

A commenter opposes the Government's acquisition of rights in background patents in paragraph (k) of the clause at 952.227-13(k) and as described at 927.302(b), stating that "it could be argued that the DOE is vesting itself with the power to take the property of others without paying valid compensation." The commenter suggests that "[i]f the DOE requires such rights, it can negotiate to purchase them like any contracting party, or (sic) in the alternative, it may utilize its rights under FAR 52.227-1 "Authorization and Consent." We disagree. First, the inclusion of paragraph (k) represents the acquisition of an inchoate right which goes to the heart of the involvement of public funds in the particular project at a time in which the parties are at an equal bargaining position. These rights provide DOE only a nonexclusive and royalty free license "for the purposes of practicing a subject of this contract by or for the Government in research, development, and demonstration work only." Furthermore, DOE can demand that the contractor license third parties to its background patents only under a limited set of circumstances "on terms that are reasonable under the circumstances." Should, in fact, the contractor be put in a monopolistic position in the market place as a result of the research, development, or demonstration of the contract with DOE and should that contractor choose not to meet market demand, DOE would be in a compromised bargaining position. Without the rights provided for in paragraph (k), DOE or any third party would have to pay dearly to acquire these background rights even though Federal taxpayer funds would have played a meaningful part in the contractor's market position. We have made no change.

Additionally, we have reviewed the proposed clause at 952.227-13 after having reflected the comments received and have made technical changes necessary to accurately reflect DOE's statutory patent policy and to enhance the smooth operation of the clause. We believe that the only changes of any significance, both occurring in the definition of "subject invention," are required by DOE's statute, *i.e.*, adding the phrase "in the course of or" before "under this contract" and deleting the "provided" clause that runs to the end of that definition. The first of these causes that definition to accurately reflect the statutory scope, and the second is necessary to reflect the breadth of that statutory scope.

We have added a definition of Patent Counsel and substituted that office for the Secretary of Energy where receipt of

communication occurs in the text of the clause. We have also added a definition of DOE patent waiver regulations and used that term where appropriate in the text of the clause. We deleted the definition of the Head of contracting agency and used Secretary of Energy where appropriate throughout the clause.

In several places in the clause the proposed clause used the word "retain" in the context of the greater rights determination. We have used more specific terms depending upon the context to reflect the contractor's right to "request" greater rights or the Department's having "granted" the contractor greater rights.

In the third sentence of paragraph (b)(2)(i), we have substituted a definite condition for the application of the minimum rights flowing to the Government under paragraph (c) upon its granting a request for waiver in place of "normally."

At paragraph (b)(2)(ii) we have substituted a time certain, two months after filing the patent application, rather than "upon request" for the contractor's providing identifying information relating to the application. We have also edited that subparagraph to grammatically reflect the separate duties with regard to a patent application and issuance of the patent. In order to assure that a contractor's patent application not expire for failure to prosecute we have added new subparagraph (b)(2)(iii) requiring notice by the contractor should it decide not to prosecute. The subparagraph (iii) of the proposed rule has been redesignated as subparagraph (iv).

We have substituted the term "subparagraphs(c)(1)" for "subdivisions" in subparagraph (c)(1)(iii). The former reference added unnecessarily to the opportunity for misinterpretation.

At paragraph (d)(4)(vi) we have corrected a reference for the duration of the time period for DOE's not publishing invention disclosures relating to an application for foreign patent rights by providing for that time period to be determined by the DOE patent counsel. At subparagraph (d)(4)(vii), we have corrected a mistaken reference in the first sentence with the phrase "in a timely manner." We have added as the penultimate sentence of paragraph (e)(2) a description of the report called for. At paragraph (e)(5) we have corrected a reference that is in error in the FAR clause, *i.e.*, "FAR 27.302(j)" in place of "FAR 27.302(i)."

Finally, with regard to the clause, at paragraph (g)(3), we have substituted the obligation of acquiring an

affirmative patent clearance before final payment in lieu of "past due confirmatory instruments."

A commenter questions the provision at 970.2702(b) that describes the right of management and operating contractors, not small businesses or nonprofit entities, to request advance waivers and waivers in identified inventions. He suggests that this premise makes this a "significant regulatory action." We disagree. These rights have existed throughout the history of DOE's statutory patent policy. We have made an attendant change in the last sentence of this subsection substituting "42 U.S.C. 5908" for "927.300."

The same commenter has suggested the insertion of the word "nonprofit" in the first sentence of 970.2702(e) describing Bayh-Dole rights of DOE management and operating contractors. We have made the change.

Two commenters question the provisions of 970.2703 and the provisions of paragraph (m) of the clause at 970.5204-XX, relating to the transfer of title and reservation of income from licensing of subject inventions for the benefit of the laboratory, rather than the contractor. Both note that Bayh-Dole vests title in the nonprofit or educational entities and suggest that the provisions do not comply with the law where DOE employs such an entity to manage and operate one of its facilities. This provision merely reflects the reality of provisions of DOE's management and operating contracts in the interplay between patent provisions and technology transfer. That reality takes into account the special position of DOE's management and operating contractors as was recognized in Bayh-Dole. We have made no change at either place.

One commenter questions 970.2795(c), saying that it should be revised "to indicate that the limitations on the use of contractor employees only apply to those contractor employees assigned to, and working at the DOE facility." This provision verbatim existed before this rulemaking at 970.2701(d). An underlying premise of DOE's management and operating contracts is that the organization is independent of its corporate body. The workforce is dedicated to the work and is located at the DOE facility. This provision is written to that reality, and must remain that way to prevent any unintended restriction on its application. No change has been made.

II. Procedural Requirements

A. Regulatory Review

Today's regulatory action has been determined not to be a "significant regulatory action" under Executive Order 12866, "Regulatory Planning and Review," (58 FR 51735, October 4, 1993). Accordingly, today's action was not subject to review under the Executive Order by the Office of Information and Regulatory Affairs.

B. Review Under the Regulatory Flexibility Act

This final rule was reviewed under the Regulatory Flexibility Act of 1980, Public Law 96-354, which requires preparation of a regulatory flexibility analysis for any rule which is likely to have significant economic impact on a substantial number of small entities. DOE certifies that this rule will not have a significant economic impact on a substantial number of small entities and, therefore, no regulatory flexibility analysis has been prepared.

C. Review Under the Paperwork Reduction Act

No new information collection or recordkeeping requirements are imposed by this final rulemaking. Accordingly, no OMB clearance is required by the Paperwork Reduction Act of 1980 (44 U.S.C. 3501 *et seq.*).

D. Review Under NEPA

The DOE has concluded that promulgation of this rule would not represent a major Federal action having significant impact on the human environment under the National Environmental Policy Act (NEPA) of 1969 (42 U.S.C. 4321, 4331-4335, 4341-4347 (1976)), the Council on Environmental Quality regulations (40 CFR Parts 1500-1508), or the DOE guidelines (10 CFR Part 1021), and, therefore, does not require an environmental impact statement or an environmental assessment pursuant to NEPA.

E. Review Under Executive Order 12612

Executive Order 12612, 52 FR 41685 (October 30, 1987), requires that regulations, rules, legislation, and any other policy actions be reviewed for any substantial direct effects on States, on the relationship between the national Government and the States, and in the distribution of power and responsibilities among various levels of Government. If there are sufficient substantial direct effects, then the Executive Order requires preparation of a federalism assessment to be used in all

decisions involved in promulgating and implementing a policy action.

Today's final rule will revise certain policy and procedural requirements. However, DOE has determined that none of the revisions will have a substantial direct effect on the institutional interests or traditional functions of States.

F. Review Under Executive Order 12778

Section 2 of Executive Order 12778 instructs each agency to adhere to certain requirements in promulgating new regulations and reviewing existing regulations. These requirements, set forth in sections 2(a) and (b)(2), include eliminating drafting errors and needless ambiguity, drafting the regulations to minimize litigation, providing clear and certain legal standards for affected conduct, and promoting simplification and burden reduction. Agencies are also instructed to make every reasonable effort to ensure that the regulation: Specifies clearly any preemptive effect, effect on existing Federal law or regulation, and retroactive effect; describes any administrative proceedings to be available prior to judicial review and any provisions for the exhaustion of such administrative proceedings; and defines key terms. This final rule will have no preemptive effect, will not have any effect on existing Federal laws, and will only clarify the existing regulations on this subject. The revised clauses will apply only to contracts which would be awarded after the effective date of the final rule, and, thus, have no retroactive effect. Therefore, DOE certifies that this final rule meets the requirements of sections 2 (a) and (b) of Executive Order 12778.

List of Subjects in 48 CFR Parts 927, 952, 970

Government procurement, Patents.

For the reasons set out in the preamble, Chapter 9 of Title 48 of the Code of Federal Regulations is amended as set forth below.

Issued in Washington, D.C., on February 16, 1995.

Richard H. Hopf,

Deputy Assistant Secretary for Procurement and Assistance Management.

PART 927—PATENTS, DATA, AND COPYRIGHTS

1. The authority citation for part 927 continues to read as follows:

Authority: Sec. 644 of the Department of Energy Organization Act, Pub. L. 95-91 (42 U.S.C. 7254); Sec. 148 of the Atomic Energy Act of 1954, as amended (42 U.S.C. 2168); Federal Nonnuclear Energy Research and

Development Act of 1974, sec. 9 (42 U.S.C. 5908); Atomic Energy Act of 1954, as amended, sec. 152 (42 U.S.C. 2182); Department of Energy National Security and Military Applications of Nuclear Energy Authorization Act of 1987, as amended, sec. 3131(a) (42 U.S.C. 7261a.)

2. Subpart 927.2 is added to read as follows:

Subpart 927.2—Patents

Sec.

927.200 Scope of subpart.

927.201 Authorization and consent.

927.201-1 General.

927.206 Refund of royalties.

927.206-1 General.

927.206-2 Clause for refund of royalties.

927.207 Classified contracts.

927.207-1 General.

Subpart 927.2—Patents

927.200 Scope of subpart.

When consulting 48 CFR part 27, subpart 27.2 of the FAR, consider "research, development, and demonstration" to replace the phrase "research and development" or "R&D," for the purposes of DOE actions.

927.201 Authorization and consent.

927.201-1 General.

In certain contracting situations, such as those involving research, development, or demonstration projects, consideration should be given to the impact of third party-owned patents covering technology that may be incorporated in the project which patents may ultimately affect widespread commercial use of the project results. In such situations, Patent Counsel shall be consulted to determine what modifications, if any, are to be made to the utilization of the Authorization and Consent and Patent Indemnity provisions or what other action might be deemed appropriate.

927.206 Refund of royalties.

927.206-1 General.

The clause at 952.227-9, Refund of Royalties, obligates the contractor to inform DOE of the payment of royalties pertaining to the use of intellectual property, either patent or data related, in the performance of the contract. This information may result in identification of instances in which the Government already has a license for itself or others acting in its behalf or the right to sublicense others. Also, there may be pending antitrust actions or challenges to the validity of a patent or the proprietary nature of the data, or the contractor may be able to gain unrestricted access to the same data through other sources. In such

situations the contractor may avoid the payment of a royalty in its entirety or may be charged a reduced royalty.

927.206-2 Clause for refund of royalties.

The contracting officer shall insert the clause at 952.227-9, Refund of Royalties, in solicitations and contracts for experimental, research, developmental, or demonstration work or other solicitations and contracts in which the contracting officer believes royalties will have to be paid by the contractor or a subcontractor of any tier.

927.207 Classified contracts.

927.207-1 General.

Unauthorized disclosure of classified subject matter, whether in a patent application or resulting from the issuance of a patent, may be a violation of the Atomic Energy Act of 1954, as amended, other laws relating to espionage and national security, and provisions of the proposed contract pertaining to disclosure of information.

3. Section 927.300 is revised to read as follows:

927.300 General.

(a) One of the primary missions of the Department of Energy is the use of its procurement process to ensure the conduct of research, development, and demonstration leading to the ultimate commercialization of efficient sources of energy. To accomplish its mission, DOE must work in cooperation with industry in the development of new energy sources and in achieving the ultimate goal of widespread commercial use of those energy sources. To this end, Congress has provided DOE with the authority to invoke an array of incentives to secure the commercialization of new technologies developed for DOE. One such important incentive is provided by the patent system.

(b) Pursuant to 42 U.S.C. 2182 and 42 U.S.C. 5908, DOE takes title to all inventions conceived or first actually reduced to practice in the course of or under contracts with large, for-profit companies, foreign organizations, and others not beneficiaries of Pub. L. 96-517. Regulations dealing with Department's authority to waive its title to subject inventions, including the relevant statutory objectives, exist at 41 CFR 9-9.109. Pursuant to that section, DOE may waive the Government's patent rights in appropriate situations at the time of contracting to encourage industrial participation, foster commercial utilization and competition, and make the benefits of DOE activities widely available to the public. In

addition to considering the waiver of patent rights at the time of contracting, DOE will also consider the incentive of a waiver of patent rights upon the reporting of an identified invention when requested by such entities or by the employee-inventor with the permission of the contractor. These requests can be made whether or not a waiver request was made at the time of contracting. Waivers for identified inventions will be granted where it is determined that the patent waiver will be a meaningful incentive to achieving the development and ultimate commercial utilization of inventions. Where DOE grants a waiver of the Government's patent rights, either at the time of contracting or after an invention is made, certain minimum rights and obligations will be required by DOE to protect the public interest.

(c) Another major DOE mission is to manage the nation's nuclear weapons and other classified programs, where research and development procurements are directed toward processes and equipment not available to the public. To accomplish DOE programs for bringing private industry into these and other special programs to the maximum extent permitted by national security and policy considerations, it is desirable that the technology developed in these programs be made available on a selected basis for use in the particular fields of interest and under controlled conditions by properly cleared industrial and scientific research institutions. To ensure such availability and control, the grant of waivers in these programs may necessarily be more limited, either by the imposition of field of use restrictions or national security measures, than in other DOE programs.

4. Section 927.302 is added to read as follows:

927.302 Policy.

(a) Except for contracts with organizations that are beneficiaries of Public Law 96-517, the United States, as represented by DOE, shall normally acquire title in and to any invention or discovery conceived or first actually reduced to practice in the course of or under the contract, allowing the contractor to retain a nonexclusive, revocable, paid-up license in the invention and the right to request permission to file an application for a patent and retain title to any ensuing patent in any foreign country in which DOE does not elect to secure patent rights. DOE may approve the request if it determines that such approval would be in the national interest. The contractor's nonexclusive license may

be revoked or modified by DOE only to the extent necessary to achieve expeditious practical application of the invention pursuant to any application for and the grant of an exclusive license in the invention to another party.

(b) In contracts having as a purpose the conduct of research, development, or demonstration work and in certain other contracts, DOE may need to require those contractors that are not the beneficiaries of Public Law 96-517 to license background patents to ensure reasonable public availability and accessibility necessary to practice the subject of the contract in the fields of technology specifically contemplated in the contract effort. That need may arise where the contractor is not attempting to take the technology resulting from the contract to the commercial marketplace, or is not meeting market demands. The need for background patent rights and the particular rights that should be obtained for either the Government or the public will depend upon the type, purpose, and scope of the contract effort, impact on the DOE program, and the cost to the Government of obtaining such rights.

(c) Provisions to deal specifically with DOE background patent rights are contained in paragraph (k) of the clause at 952.227-13. That paragraph may be modified with the concurrence of Patent Counsel in order to reflect the equities of the parties in particular contracting situations. Paragraph (k) should normally be deleted for contracts with an estimated cost and fee or price of \$250,000 or less and may not be appropriate for certain types of study contracts; for planning contracts; for contracts with educational institutions; for contracts for specialized equipment for in-house Government use, not involving use by the public; and for contracts the work products of which will not be the subject of future procurements by the Government or its contractors.

(d) The Assistant General Counsel for Technology Transfer and Intellectual Property shall:

(1) Make the determination that whether reported inventions are subject inventions under the patent rights clause of the contract;

(2) Determine whether and where patent protection will be obtained on inventions;

(3) Represent DOE before domestic and foreign patent offices;

(4) Accept assignments and instruments confirmatory of the Government's rights to inventions; and

(5) Represent DOE in patent, technical data, and copyright matters not

specifically reserved to the Head of the Agency or designee.

5. Section 927.303 is added to read as follows:

927.303 Contract clauses.

(a) In solicitations and contracts for experimental, research, developmental, or demonstration work (but see (FAR) 48 CFR 27.304-3 regarding contracts for construction work or architect-engineer services), the contracting officer shall include the clause:

(1) At 952.227-13, Patent Rights Acquisition by the Government, in all such contracts other than those described in paragraphs (a)(2) and (a)(3) of this section;

(2) At 952.227-11, Patent Rights by the Contractor (Short Form), in contracts in which the contractor is a domestic small business or nonprofit organization as defined at (FAR) 48 CFR 27.301, except where the work of the contract is subject to an Exceptional Circumstances Determination by DOE; and

(3) At 970.5204-71 or 970.5204-72, as discussed in 970.27, Patent, Data, and Copyrights, in contracts for the management and operation of DOE laboratories and production facilities.

(b) DOE shall not use the clause at (FAR) 48 CFR 52.227-12 except in situations where patent counsel grants a request for advance waiver and supplies the contracting officer with that clause with appropriate modifications. Otherwise, in instances in which DOE grants an advance waiver or waives its rights in an identified invention, contracting officers shall consult with patent counsel for the appropriate clause.

6. Section 927.304 is added to read as follows:

927.304 Procedures.

Where the contract contains the clause at 952.227-11 and the contractor does not elect to retain title to a subject invention, DOE may consider and, after consultation with the contractor, grant requests for retention of rights by the inventor subject to the provisions of 35 U.S.C. 200 *et seq.* This statement is in lieu of (FAR) 48 CFR 27.304-1(c).

PART 952—SOLICITATION PROVISIONS AND CONTRACT CLAUSES

7. The authority citation for part 952 continues to read as follows:

Authority: 42 U.S.C. 7254; 40 U.S.C. 486(c).

8. Subsection 952.227-9 is added to read as follows:

952.227-9 Refund of Royalties.

As prescribed in 927.206-2, insert the following clause:

Refund of Royalties (MAR 1995)

(a) The contract price includes certain amounts for royalties payable by the Contractor or subcontractors or both, which amounts have been reported to the Contracting Officer.

(b) The term "royalties" as used in this clause refers to any costs or charges in the nature of royalties, license fees, patent or license amortization costs, or the like, for the use of or for rights in patents and patent applications in connection with performing this contract or any subcontract here-under. The term also includes any costs or charges associated with the access to, use of, or other right pertaining to data that is represented to be proprietary and is related to the performance of this contract or the copying of such data or data that is copyrighted.

(c) The Contractor shall furnish to the Contracting Officer, before final payment under this contract, a statement of royalties paid or required to be paid in connection with performing this contract and subcontracts hereunder together with the reasons.

(d) The Contractor will be compensated for royalties reported under paragraph (c) of this clause, only to the extent that such royalties were included in the contract price and are determined by the Contracting Officer to be properly chargeable to the Government and allocable to the contract. To the extent that any royalties that are included in the contract price are not, in fact, paid by the Contractor or are determined by the Contracting Officer not to be properly chargeable to the government and allocable to the contract, the contract price shall be reduced. Repayment or credit to the Government shall be made as the Contracting Officer directs. The approval by DOE of any individual payments or royalties shall not prevent the Government from contesting at any time the enforceability, validity, scope of, or title to, any patent or the proprietary nature of data pursuant to which a royalty or other payment is to be or has been made.

(e) If, at any time within 3 years after final payment under this contract, the Contractor for any reason is relieved in whole or in part from the payment of the royalties included in the final contract price as adjusted pursuant to paragraph (d) of this clause, the Contractor shall promptly notify the Contracting Officer of that fact and shall reimburse the Government in a corresponding amount.

(f) The substance of this clause, including this paragraph (f), shall be included in any subcontract in which the amount of royalties reported during negotiation of the subcontract exceeds \$250.

(End of clause)

9. Subsection 952.227-11 is added to read as follows:

952.227-11 Patent rights—retention by the contractor (short form).

As prescribed in 927.303(a), insert the following clause:

PATENT RIGHTS—RETENTION BY THE CONTRACTOR (SHORT FORM) (MAR 1995)**(a) Definitions.**

(1) *Invention* means any invention or discovery which is or may be patentable or otherwise protectable under title 35 of the United States Code, or any novel variety of plant which is or may be protected under the Plant Variety Protection Act (7 U.S.C. 2321, et seq.).

(2) *Made* when used in relation to any invention means the conception of first actual reduction to practice of such invention.

(3) *Nonprofit organization* means a university or other institution of higher education or an organization of the type described in section 501(c)(3) of the Internal Revenue Code of 1954 (26 U.S.C. 501(c)) and exempt from taxation under section 501(a) of the Internal Revenue Code (26 U.S.C. 501(a)) or any nonprofit scientific or educational organization qualified under a state nonprofit organization statute.

(4) *Practical application* means to manufacture, in the case of a composition or product; to practice, in the case of a process or method; or to operate, in the case of a machine or system; and, in each case, under such conditions as to establish that the invention is being utilized and that its benefits are, to the extent permitted by law or Government regulations, available to the public on reasonable terms.

(5) *Small business firm* means a small business concern as defined at section 2 of Public Law 85-536 (15 U.S.C. 632) and implementing regulations of the Administrator of the Small Business Administration. For the purpose of this clause, the size standards for small business concerns involved in Government procurement and subcontracting at 13 CFR 121.3-8 and 13 CFR 121.3-12, respectively, will be used.

(6) *Subject invention* means any invention of the contractor conceived or first actually reduced to practice in the performance of work under this contract, provided that in the case of a variety of plant, the date of determination (as defined in section 41(d) of the Plant Variety Protection Act, 7 U.S.C. 2401(d)) must also occur during the period of contract performance.

(7) *Agency licensing regulations and agency regulations concerning the licensing of Government-owned inventions* mean the Department of Energy patent licensing regulations at 10 CFR part 781.

(b) *Allocation of principal rights.* The Contractor may retain the entire right, title, and interest throughout the world to each subject invention subject to the provisions of this clause and 35 U.S.C. 203. With respect to any subject invention in which the Contractor retains title, the Federal Government shall have a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the subject invention throughout the world.

(c) *Invention disclosure, election of title, and filing of patent application by Contractor.* (1) The Contractor will disclose each subject invention to the Department of Energy (DOE) within 2 months after the

inventor discloses it in writing to Contractor personnel responsible for patent matters. The disclosure to DOE shall be in the form of a written report and shall identify the contract under which the invention was made and the inventor(s). It shall be sufficiently complete in technical detail to convey a clear understanding to the extent known at the time of the disclosure, of the nature, purpose, operation, and the physical, chemical, biological or electrical characteristics of the invention. The disclosure shall also identify any publication, on sale or public use of the invention and whether a manuscript describing the invention has been submitted for publication and, if so, whether it has been accepted for publication at the time of disclosure. In addition, after disclosure to the DOE, the Contractor will promptly notify that agency of the acceptance of any manuscript describing the invention for publication or of any on sale or public use planned by the Contractor.

(2) The Contractor will elect in writing whether or not to retain title to any such invention by notifying DOE within 2 years of disclosure to DOE. However, in any case where publication, on sale or public use has initiated the 1-year statutory period wherein valid patent protection can still be obtained in the United States, the period for election of title may be shortened by DOE to a date that is no more than 60 days prior to the end of the statutory period.

(3) The Contractor will file its initial patent application on a subject invention to which it elects to retain title within 1 year after election of title or, if earlier, prior to the end of any statutory period wherein valid patent protection can be obtained in the United States after a publication, on sale, or public use. The Contractor will file patent applications in additional countries or international patent offices within either 10 months of the corresponding initial patent application or 6 months from the date permission is granted by the Commissioner of Patents and Trademarks to file foreign patent applications where such filing has been prohibited by a Secrecy Order.

(4) Requests for extension of the time for disclosure, election, and filing under subparagraphs (c)(1), (2), and (3) of this clause may, at the discretion of the agency, be granted.

(d) *Conditions when the Government may obtain title.* The Contractor will convey to the Federal agency, upon written request, title to any subject invention—

(1) If the Contractor fails to disclose or elect title to the subject invention within the times specified in paragraph (c) of this clause, or elects not to retain title; provided, that DOE may only request title within 60 days after learning of the failure of the Contractor to disclose or elect within the specified times.

(2) In those countries in which the Contractor fails to file patent applications within the times specified in paragraph (c) of this clause; provided, however, that if the Contractor has filed a patent application in a country after the times specified in paragraph (c) of this clause, but prior to its receipt of the written request of the Federal agency, the Contractor shall continue to retain title in that country.

(3) In any country in which the Contractor decides not to continue the prosecution of any application for, to pay the maintenance fees on, or defend in reexamination or opposition proceeding on, a patent on a subject invention.

(e) *Minimum rights to Contractor and protection of the Contractor right to file.* (1) The Contractor will retain a nonexclusive royalty-free license throughout the world in each subject invention to which the Government obtains title, except if the Contractor fails to disclose the invention within the times specified in paragraph (c) of this clause. The Contractor's license extends to its domestic subsidiary and affiliates, if any, within the corporate structure of which the Contractor is a party and includes the right to grant sublicenses of the same scope to the extent the Contractor was legally obligated to do so at the time the contract was awarded. The license is transferable only with the approval of the Federal agency, except when transferred to the successor of that part of the Contractor's business to which the invention pertains.

(2) The Contractor's domestic license may be revoked or modified by DOE to the extent necessary to achieve expeditious practical application of subject invention pursuant to an application for an exclusive license submitted in accordance with applicable provisions at 37 CFR part 404 and agency licensing regulations. This license will not be revoked in that field of use or the geographical areas in which the Contractor has achieved practical application and continues to make the benefits of the invention reasonably accessible to the public. The license in any foreign country may be revoked or modified at the discretion of DOE to the extent the Contractor, its licensees, or the domestic subsidiaries or affiliates have failed to achieve practical application in that foreign country.

(3) Before revocation or modification of the license, DOE will furnish the Contractor a written notice of its intention to revoke or modify the license, and the Contractor will be allowed 30 days (or such other time as may be authorized by DOE for good cause shown by the Contractor) after the notice to show cause why the license should not be revoked or modified. The Contractor has the right to appeal, in accordance with applicable regulations in 37 CFR part 404 and agency regulations concerning the licensing of Government owned inventions, any decision concerning the revocation or modification of the license.

(f) *Contractor action to protect the Government's interest.* (1) The Contractor agrees to execute or to have executed and promptly deliver to DOE all instruments necessary to (i) establish or confirm the rights the Government has throughout the world in those subject inventions to which the Contractor elects to retain title, and (ii) convey title to DOE when requested under paragraph (d) of this clause and to enable the government to obtain patent protection throughout the world in that subject invention.

(2) The Contractor agrees to require, by written agreement, its employees, other than clerical and nontechnical employees, to

disclose promptly in writing to personnel identified as responsible for the administration of patent matters and in a format suggested by the Contractor each subject invention made under contract in order that the Contractor can comply with the disclosure provisions of paragraph (c) of this clause, and to execute all papers necessary to file patent applications on subject inventions and to establish the Government's rights in the subject inventions. This disclosure format should require, as a minimum, the information required by subparagraph (c)(1) of this clause. The Contractor shall instruct such employees, through employee agreements or other suitable educational programs, on the importance of reporting inventions in sufficient time to permit the filing of patent applications prior to U.S. or foreign statutory bars.

(3) The Contractor will notify DOE of any decision not to continue the prosecution of a patent application, pay maintenance fees, or defend in a reexamination or opposition proceeding on a patent, in any country, not less than 30 days before the expiration of the response period required by the relevant patent office.

(4) The Contractor agrees to include, within the specification of any United States patent application and any patent issuing thereon covering a subject invention, the following statement, "This invention was made with Government support under (identify the contract) awarded by the United States Department of Energy. The Government has certain rights in the invention."

(g) *Subcontracts.* (1) The Contractor will include this clause, suitably modified to identify the parties, in all subcontracts, regardless of tier, for experimental, developmental, or research work to be performed by a small business firm or domestic nonprofit organization. The subcontractor will retain all rights provided for the Contractor in this clause, and the Contractor will not, as part of the consideration for awarding the subcontract, obtain rights in the subcontractor's subject inventions.

(2) The contractor shall include in all other subcontracts, regardless of tier, for experimental, developmental, demonstration, or research work the patent rights clause at 952.227-13.

(3) In the case of subcontracts, at any tier, DOE, subcontractor, and the Contractor agree that the mutual obligations of the parties created by this clause constitute a contract between the subcontractor and DOE with respect to the matters covered by the clause; provided, however, that nothing in this paragraph is intended to confer any jurisdiction under the Contract Disputes Act in connection with proceedings under paragraph (j) of this clause.

(h) *Reporting on utilization of subject inventions.* The Contractor agrees to submit, on request, periodic reports no more frequently than annually on the utilization of a subject invention or on efforts at obtaining such utilization that are being made by the Contractor or its licensees or assignees. Such reports shall include information regarding

the status of development, date of first commercial sale or use, gross royalties received, by the Contractor, and such other data and information as DOE may reasonably specify. The Contractor also agrees to provide additional reports as may be requested by DOE in connection with any march-in proceeding undertaken by that agency in accordance with paragraph (j) of this clause. As required by 35 U.S.C. 202(c)(5), DOE agrees it will not disclose such information to persons outside the Government without permission of the Contractor.

(i) *Preference for United States industry.* Notwithstanding any other provision of this clause, the Contractor agrees that neither it nor any assignee will grant to any person the exclusive right to use or sell any subject invention in the United States unless such person agrees that any product embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States. However, in individual cases, the requirement for such an agreement may be waived by DOE upon a showing by the Contractor or its assignee that reasonable but unsuccessful efforts have been made to grant licenses on similar terms to potential licensees that would be likely to manufacture substantially in the United States or that under the circumstances domestic manufacture is not commercially feasible.

(j) *March-in rights.* The Contractor agrees that, with respect to any subject invention in which it has acquired title, DOE has the right in accordance with the procedures in 37 CFR 401.6 and any supplemental regulations of the agency to require the Contractor, an assignee or exclusive licensee of a subject invention to grant a nonexclusive, partially exclusive, or exclusive license in any field of use to a responsible applicant or applicants, upon terms that are reasonable under the circumstances, and, if the Contractor, assignee, or exclusive licensee refuses such a request, DOE has the right to grant such a license itself if DOE determines that—

(1) Such action is necessary because the Contractor or assignee has not taken, or is not expected to take within a reasonable time, effective steps to achieve practical application of the subject invention in such field of use;

(2) Such action is necessary to alleviate health or safety needs which are not reasonably satisfied by the Contractor, assignee, or their licensees;

(3) Such action is necessary to meet requirements for public use specified by Federal regulations and such requirements are not reasonably satisfied by the Contractor, assignee, or licensees; or

(4) Such action is necessary because the agreement required by paragraph (i) of this clause has not been obtained or waived or because a licensee of the exclusive right to use or sell any subject invention in the United States is in breach of such agreement.

(k) *Special provisions for contracts with nonprofit organizations.* If the Contractor is a nonprofit organization, it agrees that—

(1) Rights to a subject invention in the United States may not be assigned without the approval of the Federal agency, except where such assignment is made to an

organization which has as one of its primary functions the management of inventions; provided, that such assignee will be subject to the same provisions as the Contractor;

(2) The Contractor will share royalties collected on a subject invention with the inventor, including Federal employee co-inventors (when DOE deems it appropriate) when the subject invention is assigned in accordance with 35 U.S.C. 202(e) and 37 CFR 401.10;

(3) The balance of any royalties or income earned by the Contractor with respect to subject inventions, after payment of expenses (including payments to inventors) incidental to the administration of subject inventions will be utilized for the support of scientific research or education; and

(4) It will make efforts that are reasonable under the circumstances to attract licensees of subject inventions that are small business firms, and that it will give a preference to a small business firm when licensing a subject invention if the Contractor determines that the small business firm has a plan or proposal for marketing the invention which, if executed, is equally as likely to bring the invention to practical application as any plans or proposals from applicants that are not small business firms; provided, that the Contractor is also satisfied that the small business firm has the capability and resources to carry out its plan or proposal. The decision whether to give a preference in any specific case will be at the discretion of the contractor. However, the Contractor agrees that the Secretary of Commerce may review the Contractor's licensing program and decisions regarding small business applicants, and the Contractor will negotiate changes to its licensing policies, procedures, or practices with the Secretary of Commerce when that Secretary's review discloses that the Contractor could take reasonable steps to more effectively implement the requirements of this subparagraph (k)(4).

(l) *Communications.*

(1) The contractor shall direct any notification, disclosure, or request to DOE provided for in this clause to the DOE patent counsel assisting the DOE contracting activity, with a copy of the communication to the Contracting Officer.

(2) Each exercise of discretion or decision provided for in this clause, except subparagraph (k)(4), is reserved for the DOE Patent Counsel and is not a claim or dispute and is not subject to the Contract Disputes Act of 1978.

(3) Upon request of the DOE Patent Counsel or the contracting officer, the contractor shall provide any or all of the following:

(i) A copy of the patent application, filing date, serial number and title, patent number, and issue date for any subject invention in any country in which the contractor has applied for a patent;

(ii) A report, not more often than annually, summarizing all subject inventions which were disclosed to DOE individually during the reporting period specified; or

(iii) A report, prior to closeout of the contract, listing all subject inventions or stating that there were none.

(End of clause)

10. Subsection 952.227-13 is added to read as follows:

952.227-13 Patent Rights—Acquisition by the Government.

As prescribed at 927.303(c), insert the following clause:

PATENT RIGHTS—ACQUISITION BY THE GOVERNMENT (MAR 1995)

(a) *Definitions.*

Invention, as used in this clause, means any invention or discovery which is or may be patentable or otherwise protectable under title 35 of the United States Code or any novel variety of plant that is or may be protectable under the Plant Variety Protection Act (7 U.S.C. 2321, *et seq.*).

Practical application, as used in this clause, means to manufacture, in the case of a composition or product; to practice, in the case of a process or method; or to operate, in the case of a machine or system; and, in each case, under such conditions as to establish that the invention is being utilized and that its benefits are, to the extent permitted by law or Government regulations, available to the public on reasonable terms.

Subject invention, as used in this clause, means any invention of the Contractor conceived or first actually reduced to practice in the course of or under this contract.

Patent Counsel, as used in this clause, means the Department of Energy Patent Counsel assisting the procuring activity.

DOE patent waiver regulations, as used in this clause, means the Department of Energy patent waiver regulations in effect on the date of award of this contract.

Agency licensing regulations and applicable agency licensing regulations, as used in this clause, mean the Department of Energy patent licensing regulations at 10 CFR part 781.

(b) *Allocations of principal rights.*

(1) *Assignment to the Government.* The Contractor agrees to assign to the Government the entire right, title, and interest throughout the world in and to each subject invention, except to the extent that rights are retained by the Contractor under subparagraph (b)(2) and paragraph (d) of this clause.

(2) *Greater rights determinations.* (i) The Contractor, or an employee-inventor after consultation with the Contractor, may request greater rights than the nonexclusive license and the foreign patent rights provided in paragraph (d) of this clause on identified inventions in accordance with the DOE patent waiver regulations. A request for a determination of whether the Contractor or the employee-inventor is entitled to acquire such greater rights must be submitted to the Patent Counsel with a copy to the Contracting Officer at the time of the first disclosure of the invention pursuant to subparagraph (e)(2) of this clause, or not later than 8 months thereafter, unless a longer period is authorized in writing by the Contracting Officer for good cause shown in writing by the Contractor. Each determination of greater rights under this

contract shall be subject to paragraph (c) of this clause, unless otherwise provided in the greater rights determination, and to the reservations and conditions deemed to be appropriate by the Secretary of Energy or designee.

(ii) Within two (2) months after the filing of a patent application, the Contractor shall provide the filing date, serial number and title, a copy of the patent application (including an English-language version if filed in a language other than English), and, promptly upon issuance of a patent, provide the patent number and issue date for any subject invention in any country for which the Contractor has been granted title or the right to file and prosecute on behalf of the United States by the Department of Energy.

(iii) Not less than thirty (30) days before the expiration of the response period for any action required by the Patent and Trademark Office, notify the Patent Counsel of any decision not to continue prosecution of the application.

(iv) Upon request, the Contractor shall furnish the Government an irrevocable power to inspect and make copies of the patent application file.

(c) *Minimum rights acquired by the Government.*

(1) With respect to each subject invention to which the Department of Energy grants the Contractor principal or exclusive rights, the Contractor agrees as follows:

(i) The Contractor hereby grants to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced each subject invention throughout the world by or on behalf of the Government of the United States (including any Government agency).

(ii) The Contractor agrees that with respect to any subject invention in which DOE has granted it title, DOE has the right in accordance with the procedures in the DOE patent waiver regulations to require the Contractor, an assignee, or exclusive licensee of a subject invention to grant a nonexclusive, partially exclusive, or exclusive license in any field of use to a responsible applicant or applicants, upon terms that are reasonable under the circumstances, and if the Contractor, assignee, or exclusive licensee refuses such a request, DOE has the right to grant such a license itself if it determines that—

(A) Such action is necessary because the Contractor or assignee has not taken, or is not expected to take within a reasonable time, effective steps to achieve practical application of the subject invention in such field of use;

(B) Such action is necessary to alleviate health or safety needs which are not reasonably satisfied by the Contractor, assignee, or their licensees;

(C) Such action is necessary to meet requirements for public use specified by Federal regulations and such requirements are not reasonably satisfied by the Contractor, assignee, or licensees; or

(D) Such action is necessary because the agreement required by paragraph (i) of this clause has neither been obtained nor waived or because a licensee of the exclusive right to use or sell any subject invention in the United States is in breach of such agreement.

(iii) The Contractor agrees to submit on request periodic reports no more frequently than annually on the utilization of a subject invention or on efforts at obtaining such utilization of a subject invention or on efforts at obtaining such utilization that are being made by the Contractor or its licensees or assignees. Such reports shall include information regarding the status of development, date of first commercial sale or use, gross royalties received by the Contractor, and such other data and information as DOE may reasonably specify. The Contractor also agrees to provide additional reports as may be requested by DOE in connection with any march-in proceedings undertaken by that agency in accordance with subparagraph (c)(1)(ii) of this clause. To the extent data or information supplied under this section is considered by the Contractor, its licensee, or assignee to be privileged and confidential and is so marked, the Department of Energy agrees that, to the extent permitted by law, it will not disclose such information to persons outside the Government.

(iv) The Contractor agrees, when licensing a subject invention, to arrange to avoid royalty charges on acquisitions involving Government funds, including funds derived through a Military Assistance Program of the Government or otherwise derived through the Government, to refund any amounts received as royalty charges on a subject invention in acquisitions for, or on behalf of, the Government, and to provide for such refund in any instrument transferring rights in the invention to any party.

(v) The Contractor agrees to provide for the Government's paid-up license pursuant to subparagraph (c)(1)(i) of this clause in any instrument transferring rights in a subject invention and to provide for the granting of licenses as required by subparagraph (c)(1)(ii) of this clause, and for the reporting of utilization information as required by subparagraph (c)(1)(iii) of this clause, whenever the instrument transfers principal or exclusive rights in a subject invention.

(2) Nothing contained in this paragraph (c) shall be deemed to grant to the Government any rights with respect to any invention other than a subject invention.

(d) *Minimum rights to the Contractor.* (1) The Contractor is hereby granted a revocable, nonexclusive, royalty-free license in each patent application filed in any country on a subject invention and any resulting patent in which the Government obtains title, unless the Contractor fails to disclose the subject invention within the times specified in subparagraph (e)(2) of this clause. The Contractor's license extends to its domestic subsidiaries and affiliates, if any, within the corporate structure of which the Contractor is a part and includes the right to grant sublicenses of the same scope to the extent the Contractor was legally obligated to do so at the time the contract was awarded. The license is transferable only with the approval of DOE except when transferred to the successor of that part of the Contractor's business to which the invention pertains.

(2) The Contractor's domestic license may be revoked or modified by DOE to the extent necessary to achieve expeditious practical

application of the subject invention pursuant to an application for an exclusive license submitted in accordance with applicable provisions in 37 CFR part 404 and agency licensing regulations. This license will not be revoked in that field of use or the geographical areas in which the Contractor has achieved practical applications and continues to make the benefits of the invention reasonably accessible to the public. The license in any foreign country may be revoked or modified at the discretion of DOE to the extent the Contractor, its licensees, or its domestic subsidiaries or affiliates have failed to achieve practical application in that foreign country.

(3) Before revocation or modification of the license, DOE will furnish the Contractor a written notice of its intention to revoke or modify the license, and the Contractor will be allowed 30 days (or such other time as may be authorized by DOE for good cause shown by the Contractor) after the notice to show cause why the license should not be revoked or modified. The Contractor has the right to appeal, in accordance with applicable agency licensing regulations and 37 CFR part 404 concerning the licensing of Government-owned inventions, any decision concerning the revocation or modification of its license.

(4) The Contractor may request the right to acquire patent rights to a subject invention in any foreign country where the Government has elected not to secure such rights, subject to the conditions in subparagraphs (d)(4)(i) through (d)(4)(vii) of this clause. Such request must be made in writing to the Patent Counsel as part of the disclosure required by subparagraph (e)(2) of this clause, with a copy to the DOE Contracting Officer. DOE approval, if given, will be based on a determination that this would best serve the national interest.

(i) The recipient of such rights, when specifically requested by DOE, and three years after issuance of a foreign patent disclosing the subject invention, shall furnish DOE a report stating:

(A) The commercial use that is being made, or is intended to be made, of said invention, and

(B) The steps taken to bring the invention to the point of practical application or to make the invention available for licensing.

(ii) The Government shall retain at least an irrevocable, nonexclusive, paid-up license to make, use, and sell the invention throughout the world by or on behalf of the Government (including any Government agency) and States and domestic municipal governments, unless the Secretary of Energy or designee determines that it would not be in the public interest to acquire the license for the States and domestic municipal governments.

(iii) If noted elsewhere in this contract as a condition of the grant of an advance waiver of the Government's title to inventions under this contract, or, if no advance waiver was granted but a waiver of the Government's title to an identified invention is granted pursuant to subparagraph (b)(2) of this clause upon a determination by the Secretary of Energy that it is in the Government's best interest, this license shall include the right of the Government to sublicense foreign

governments pursuant to any existing or future treaty or agreement with such foreign governments.

(iv) Subject to the rights granted in subparagraphs (d)(1), (2), and (3) of this clause, the Secretary of Energy or designee shall have the right to terminate the foreign patent rights granted in this subparagraph (d)(4) in whole or in part unless the recipient of such rights demonstrates to the satisfaction of the Secretary of Energy or designee that effective steps necessary to accomplish substantial utilization of the invention have been taken or within a reasonable time will be taken.

(v) Subject to the rights granted in subparagraphs (d)(1), (2), and (3) of this clause, the Secretary of Energy or designee shall have the right, commencing four years after foreign patent rights are accorded under this subparagraph (d)(4), to require the granting of a nonexclusive or partially exclusive license to a responsible applicant or applicants, upon terms reasonable under the circumstances, and in appropriate circumstances to terminate said foreign patent rights in whole or in part, following a hearing upon notice thereof to the public, upon a petition by an interested person justifying such hearing:

(A) If the Secretary of Energy or designee determines, upon review of such material as he deems relevant, and after the recipient of such rights or other interested person has had the opportunity to provide such relevant and material information as the Secretary or designee may require, that such foreign patent rights have tended substantially to lessen competition or to result in undue market concentration in any section of the United States in any line of commerce to which the technology relates; or

(B) Unless the recipient of such rights demonstrates to the satisfaction of the Secretary of Energy or designee at such hearing that the recipient has taken effective steps, or within a reasonable time thereafter is expected to take such steps, necessary to accomplish substantial utilization of the invention.

(vi) If the contractor is to file a foreign patent application on a subject invention, the Government agrees, upon written request, to use its best efforts to withhold publication of such invention disclosures for such period of time as specified by Patent Counsel, but in no event shall the Government or its employees be liable for any publication thereof.

(vii) Subject to the license specified in subparagraphs (d) (1), (2), and (3) of this clause, the contractor or inventor agrees to convey to the Government, upon request, the entire right, title, and interest in any foreign country in which the contractor or inventor fails to have a patent application filed in a timely manner or decides not to continue prosecution or to pay any maintenance fees covering the invention. To avoid forfeiture of the patent application or patent, the contractor or inventor shall, not less than 60 days before the expiration period for any action required by any patent office, notify the Patent Counsel of such failure or decision, and deliver to the Patent Counsel, the executed instruments necessary for the conveyance specified in this paragraph.

(e) *Invention identification, disclosures, and reports.* (1) The Contractor shall establish and maintain active and effective procedures to assure that subject inventions are promptly identified and disclosed to Contractor personnel responsible for patent matters within 6 months of conception and/or first actual reduction to practice, whichever occurs first in the performance of work under this contract. These procedures shall include the maintenance of laboratory notebooks or equivalent records and other records as are reasonably necessary to document the conception and/or the first actual reduction to practice of subject inventions, and records that show that the procedures for identifying and disclosing the inventions are followed. Upon request, the Contractor shall furnish the Contracting Officer a description of such procedures for evaluation and for determination as to their effectiveness.

(2) The Contractor shall disclose each subject invention to the DOE Patent Counsel with a copy to the Contracting Officer within 2 months after the inventor discloses it in writing to Contractor personnel responsible for patent matters or, if earlier, within 6 months after the Contractor becomes aware that a subject invention has been made, but in any event before any on sale, public use, or publication of such invention known to the Contractor. The disclosure to DOE shall be in the form of a written report and shall identify the contract under which the invention was made and the inventor(s). It shall be sufficiently complete in technical detail to convey a clear understanding, to the extent known at the time of the disclosure, of the nature, purpose, operation, and physical, chemical, biological, or electrical characteristics of the invention. The disclosure shall also identify any publication, on sale, or public use of the invention and whether a manuscript describing the invention has been submitted for publication and, if so, whether it has been accepted for publication at the time of disclosure. In addition, after disclosure to DOE, the Contractor shall promptly notify Patent Counsel of the acceptance of any manuscript describing the invention for publication or of any on sale or public use planned by the Contractor. The report should also include any request for a greater rights determination in accordance with subparagraph (b)(2) of this clause. When an invention is disclosed to DOE under this paragraph, it shall be deemed to have been made in the manner specified in Sections (a)(1) and (a)(2) of 42 U.S.C. 5908, unless the Contractor contends in writing at the time the invention is disclosed that it was not so made.

(3) The Contractor shall furnish the Contracting Officer the following:

(i) Interim reports every 12 months (or such longer period as may be specified by the Contracting Officer) from the date of the contract, listing subject inventions during that period, and certifying that all subject inventions have been disclosed (or that there are not such inventions) and that the procedures required by subparagraph (e)(1) of this clause have been followed.

(ii) A final report, within 3 months after completion of the contracted work listing all

subject inventions or certifying that there were no such inventions, and listing all subcontracts at any tier containing a patent rights clause or certifying that there were no such subcontracts.

(4) The Contractor agrees to require, by written agreement, its employees, other than clerical and nontechnical employees, to disclose promptly in writing to personnel identified as responsible for the administration of patent matters and in a format suggested by the Contractor each subject invention made under contract in order that the Contractor can comply with the disclosure provisions of paragraph (c) of this clause, and to execute all papers necessary to file patent applications on subject inventions and to establish the Government's rights in the subject inventions. This disclosure format should require, as a minimum, the information required by subparagraph (e)(2) of this clause.

(5) The Contractor agrees, subject to FAR 27.302(j), that the Government may duplicate and disclose subject invention disclosures and all other reports and papers furnished or required to be furnished pursuant to this clause.

(f) *Examination of records relating to inventions.*

(1) The Contracting Officer or any authorized representative shall, until 3 years after final payment under this contract, have the right to examine any books (including laboratory notebooks), records, and documents of the Contractor relating to the conception or first actual reduction to practice of inventions in the same field of technology as the work under this contract to determine whether—

(i) Any such inventions are subject inventions;

(ii) The Contractor has established and maintains the procedures required by subparagraphs (e) (1) and (4) of this clause;

(iii) The Contractor and its inventors have complied with the procedures.

(2) If the Contracting Officer learns of an unreported Contractor invention which the Contracting Officer believes may be a subject invention, the Contractor may be required to disclose the invention to DOE for a determination of ownership rights.

(3) Any examination of records under this paragraph will be subject to appropriate conditions to protect the confidentiality of the information involved.

(g) *Withholding of payment* (This paragraph does not apply to subcontracts). (1) Any time before final payment under this contract, the Contracting Officer may, in the Government's interest, withhold payment until a reserve not exceeding \$50,000 or 5 percent of the amount of this contract, whichever is less, shall have been set aside if, in the Contracting Officer's opinion, the Contractor fails to—

(i) Convey to the Government, using a DOE-approved form, the title and/or rights of the Government in each subject invention as required by this clause.

(ii) Establish, maintain, and follow effective procedures for identifying and disclosing subject inventions pursuant to subparagraph (e)(1) of this clause;

(iii) Disclose any subject invention pursuant to subparagraph (e)(2) of this clause;

(iv) Deliver acceptable interim reports pursuant to subparagraph (e)(3)(i) of this clause; or

(v) Provide the information regarding subcontracts pursuant to subparagraph (h)(4) of this clause.

(2) Such reserve or balance shall be withheld until the Contracting Officer has determined that the Contractor has rectified whatever deficiencies exist and has delivered all reports, disclosures, and other information required by this clause.

(3) Final payment under this contract shall not be made before the Contractor delivers to the Contracting Officer all disclosures of subject inventions required by subparagraph (e)(2) of this clause, and acceptable final report pursuant to subparagraph (e)(3)(ii) of this clause, and the Patent Counsel has issued a patent clearance certification to the Contracting Officer.

(4) The Contracting Officer may decrease or increase the sums withheld up to the maximum authorized above. No amount shall be withheld under this paragraph while the amount specified by this paragraph is being withheld under other provisions of the contract. The withholding of any amount or the subsequent payment thereof shall not be construed as a waiver of any Government rights.

(h) *Subcontracts.*

(1) The contractor shall include the clause at 48 CFR 952.227-11 (suitably modified to identify the parties) in all subcontracts, regardless of tier, for experimental, developmental, demonstration, or research work to be performed by a small business firm or domestic nonprofit organization, except where the work of the subcontract is subject to an Exceptional Circumstances Determination by DOE. In all other subcontracts, regardless of tier, for experimental, developmental, demonstration, or research work, the contractor shall include this clause (suitably modified to identify the parties). The contractor shall not, as part of the consideration for awarding the subcontract, obtain rights in the subcontractor's subject inventions.

(2) In the event of a refusal by a prospective subcontractor to accept such a clause the Contractor—

(i) Shall promptly submit a written notice to the Contracting Officer setting forth the subcontractor's reasons for such refusal and other pertinent information that may expedite disposition of the matter; and

(ii) Shall not proceed with such subcontract without the written authorization of the Contracting Officer.

(3) In the case of subcontracts at any tier, DOE, the subcontractor, and Contractor agree that the mutual obligations of the parties created by this clause constitute a contract between the subcontractor and DOE with respect to those matters covered by this clause.

(4) The Contractor shall promptly notify the Contracting Officer in writing upon the award of any subcontract at any tier containing a patent rights clause by identifying the subcontractor, the applicable

patent rights clause, the work to be performed under the subcontract, and the dates of award and estimated completion. Upon request of the Contracting Officer, the Contractor shall furnish a copy of such subcontract, and, no more frequently than annually, a listing of the subcontracts that have been awarded.

(5) The contractor shall identify all subject inventions of the subcontractor of which it acquires knowledge in the performance of this contract and shall notify the Patent Counsel, with a copy to the contracting officer, promptly upon identification of the inventions.

(i) *Preference United States industry.* Unless provided otherwise, no Contractor that receives title to any subject invention and no assignee of any such Contractor shall grant to any person the exclusive right to use or sell any subject invention in the United States unless such person agrees that any products embodying the subject invention will be manufactured substantially in the United States. However, in individual cases, the requirement may be waived by the Government upon a showing by the Contractor or assignee that reasonable but unsuccessful efforts have been made to grant licenses on similar terms to potential licensees that would be likely to manufacture substantially in the United States or that under the circumstances domestic manufacture is not commercially feasible.

(j) *Atomic energy.*

(1) No claim for pecuniary award of compensation under the provisions of the Atomic Energy Act of 1954, as amended, shall be asserted with respect to any invention or discovery made or conceived in the course of or under this contract.

(2) Except as otherwise authorized in writing by the Contracting Officer, the Contractor will obtain patent agreements to effectuate the provisions of subparagraph (e)(1) of this clause from all persons who perform any part of the work under this contract, except nontechnical personnel, such as clerical employees and manual laborers.

(k) *Background Patents.* (1) *Background Patent* means a domestic patent covering an invention or discovery which is not a subject invention and which is owned or controlled by the Contractor at any time through the completion of this contract:

(i) Which the contractor, but not the Government, has the right to license to others without obligation to pay royalties thereon, and

(ii) Infringement of which cannot reasonably be avoided upon the practice of any specific process, method, machine, manufacture, or composition of matter (including relatively minor modifications thereof) which is a subject of the research, development, or demonstration work performed under this contract.

(2) The Contractor agrees to and does hereby grant to the Government a royalty-free, nonexclusive license under any background patent for purposes of practicing a subject of this contract by or for the Government in research, development, and demonstration work only.

(3) The Contractor also agrees that upon written application by DOE, it will grant to

responsible parties, for purposes of practicing a subject of this contract, nonexclusive licenses under any background patent on terms that are reasonable under the circumstances. If, however, the Contractor believes that exclusive rights are necessary to achieve expeditious commercial development or utilization, then a request may be made to DOE for DOE approval of such licensing by the Contractor.

(4) Notwithstanding subparagraph (k)(3) of this clause, the contractor shall not be obligated to license any background patent if the Contractor demonstrates to the satisfaction of the Secretary of Energy or designee that:

(i) A competitive alternative to the subject matter covered by said background patent is commercially available or readily introducible from one or more other sources; or

(ii) The Contractor or its licensees are supplying the subject matter covered by said background patent in sufficient quantity and at reasonable prices to satisfy market needs, or have taken effective steps or within a reasonable time are expected to take effective steps to so supply the subject matter.

(l) *Publication.* It is recognized that during the course of the work under this contract, the Contractor or its employees may from time to time desire to release or publish information regarding scientific or technical developments conceived or first actually reduced to practice in the course of or under this contract. In order that public disclosure of such information will not adversely affect the patent interests of DOE or the Contractor, patent approval for release of publication shall be secured from Patent Counsel prior to any such release or publication.

(m) *Forfeiture of rights in unreported subject inventions.* (1) The Contractor shall forfeit and assign to the Government, at the request of the Secretary of Energy or designee, all rights in any subject invention which the Contractor fails to report to Patent Counsel within six months after the time the Contractor:

(i) Files or causes to be filed a United States or foreign patent application thereon; or

(ii) Submits the final report required by subparagraph (e)(2)(ii) of this clause, whichever is later.

(2) However, the Contractor shall not forfeit rights in a subject invention if, within the time specified in subparagraph (m)(1) of this clause, the Contractor:

(i) Prepares a written decision based upon a review of the record that the invention was neither conceived nor first actually reduced to practice in the course of or under the contract and delivers the decision to Patent Counsel, with a copy to the Contracting Officer; or

(ii) Contending that the invention is not a subject invention, the Contractor nevertheless discloses the invention and all facts pertinent to this contention to the Patent Counsel, with a copy to the Contracting Officer; or

(iii) Establishes that the failure to disclose did not result from the Contractor's fault or negligence.

(3) Pending written assignment of the patent application and patents on a subject

invention determined by the Secretary of Energy or designee to be forfeited (such determination to be a final decision under the Disputes clause of this contract), the Contractor shall be deemed to hold the invention and the patent applications and patents pertaining thereto in trust for the Government. The forfeiture provision of this paragraph (m) shall be in addition to and shall not supersede other rights and remedies which the Government may have with respect to subject inventions.

(End of clause)

952.227-71 [Removed and Reserved]

11. Section 952.227-71 is removed and reserved.

PART 970—DOE MANAGEMENT AND OPERATING CONTRACTS

12. The authority citation for Part 970 continues to read as follows:

Authority. Sec. 161 of the Atomic Energy Act of 1954 (42 U.S.C. 2201), sec. 644 of the Department of Energy Organization Act, Pub. L. 95-91 (42 U.S.C. 7254), sec. 201 of the Federal Civilian Employee and Contractor Travel Expenses Act of 1985 (41 U.S.C. 420) and sec. 1534 of the Department of Defense Authorization Act, 1986, Pub. L. 99-145 (42 U.S.C. 7256a), as amended.

13. Revise Section 970.2701 to read as follows:

970.2701 General.

This subpart applies to negotiation of patent rights and rights in technical data provisions for the Department of Energy contracts for the management and operation of its research and development and production facilities.

14. Revise 970.2702 to read as follows:

970.2702 Patent rights.

(a) Whenever a contract has as a purpose, the design, construction, or operation of a Government-owned research, development, demonstration or production facility, it is necessary that the Government be accorded certain rights with respect to further use of the facility by or on behalf of the Government upon termination of the contract, including the right to make, use, transfer, or otherwise dispose of all articles, materials, products, or processes embodying inventions or discoveries used or embodied in the facility regardless of whether or not conceived or first actually reduced to practice under or in the course of such a contract. Thus, both versions of the patent rights clause for management and operating contracts contain a facilities license.

(b) In the case of contractors operating and managing DOE research and development or production facilities, that are not the beneficiaries of Public

Law 96-517, the Department is statutorily obligated to take title to inventions conceived or first actually reduced to practice in the performance of the contracts. Here, as in all other circumstances in which the Department takes title to inventions by statute, the contractors may request a waiver at the time of contracting for a class of inventions or during contract performance for identified inventions. DOE includes the considerations at 42 U.S.C. 5908 in its determination as to whether to approve the request.

(c) While no contractor that manages and operates a DOE research and development or production facility is a small business, several have historically been nonprofit organizations. As such, they are the beneficiaries of the Bayh-Dole Act (35 U.S.C. 200 *et seq.*, as amended) and, therefore, receive the right to retain title to inventions conceived or first actually reduced to practice in the performance of their contracts with the Department, except in areas of technology covered by Exceptional Circumstances Determinations made by DOE or of nuclear weapons and naval nuclear propulsion. In these latter two areas, the contractor may request that the Department waive its title and, therefore, subject to the exceptions identified below, may be granted title to inventions conceived or first actually reduced to practice in the performance of its contract with the Department.

(d) DOE has exercised statutory authority granted under 35 U.S.C. 202(a)(ii) and 202(a)(iv). In accordance with 35 U.S.C. 202(a)(ii), DOE has issued several Exceptional Circumstances Determinations pursuant to which DOE nonprofit management and operating contractors have no right to elect title to inventions conceived or first actually reduced to practice in the course of or under their contracts within covered areas of technology. However, those contractors may be given some lesser property right in an invention within limits set by DOE in a particular Exceptional Circumstances Determination so that the contractor can effectively assist with a mission of DOE, such as technology transfer. As new technologies evolve, DOE may issue additional Exceptional Circumstances Determinations, as appropriate.

(e) In accordance with 35 U.S.C. 202(a)(iv), the Department of Energy has exempted its weapons related and naval nuclear propulsion programs from the broad Bayh-Dole right of its nonprofit management and operating contractors to elect title to inventions conceived or first actually reduced to practice in the course of or under their contracts. The

effect of this exemption is that, if the contractors want to acquire title, they must request title to covered inventions. DOE may then grant the request subject to a case-by-case determination that the contractor has met all procedural requirements unilaterally set by DOE to insure that all national security concerns of DOE relating to the contractor's use of an invention in either of these two areas for commercialization have been met.

15. Section 970.2703 is added to read as follows:

970.2703 Technology transfer.

The National Competitiveness Technology Transfer Act of 1989 (NCTTA) (Pub. L. 101-189) established technology transfer as a mission for Government-owned, contractor-operated laboratories, including weapons production facilities, and authorizes those laboratories to negotiate and award cooperative research and development agreements with public and private entities for purposes of conducting research and development and transferring technology to the private sector. In implementing the NCTTA, DOE has negotiated technology transfer clauses with the contractors managing and operating its laboratories. Those technology transfer clauses must be read in concert with the patent rights clause required by this subpart. Thus, each management and operating contractor holds title to subject inventions for the benefit of the laboratory or facility being managed and operated by that contractor.

16. Section 970.2704 is added to read as follows:

970.2704 Patent clauses.

(a) Contracting officers shall insert the clause at 970.5204-71 in all management and operating contracts with nonprofit organizations.

(b) Contracting officers shall insert the clause at 970.5204-72 in all management and operating contracts with profit-making entities.

17. Add section 970.2705, and section 970.2706, as follows:

970.2705 Rights in technical data—general.

(a) A management and operating contractor's obligations for protection of information and data received from DOE and other contractors or subcontractors, and for the contractor's private use of contract data first produced in the performance of the contract, are set forth in paragraph (b)(2) of each Rights in Technical Data clause in 952.227. That subparagraph provides that the contractor may, subject to patent,

security, or other provisions of the contract, use for its private purposes, contract data it first produces in the performance of the contract, provided that the contractor has met its data requirements (e.g., delivery of data in the form of progress or status reports specified to be delivered) as of the date of private use of such data. It is not necessary that a "Final Report" be submitted in order to privately use data if all required progress and interim reports and other technical data then due have been delivered. Paragraph (b)(2) of each Rights in Technical Data clause in 952.227 further provides that technical or other data received by the contractor in the performance of the contract must be held in confidence by the contractor in accordance with restrictions accompanying the data.

(b) Contractors should be aware that technical information which is reported to DOE by DOE contractors may be disseminated by DOE to others, subject to the restrictions included in the "Rights to Technical Data" clause.

(c) Employees of contractors operating DOE facilities may not be used to assist in the preparation of a proposal or bid for the performance of private commercial services similar or related to those being performed under the DOE contract unless such employee has been separated, with DOE approval, from performance of work under the DOE contract for such period as the Head of the Contracting Activity or designee shall direct consistent with the purpose of this section.

(d) Contractors operating DOE facilities and performing services as a part of their contract work for other Government agencies or private organizations should not be permitted to utilize information which is furnished by such customers for their own private activities unless it is generally available to others, or unless the customer authorizes such use.

970.2706 Rights in technical data—procedures.

(a) *General.* It is essential that DOE maintain continuity in its programs which are implemented by contracts for the operation of Government-owned facilities. Contract data first produced or specifically used in the performance of such contracts must be considered as integral to and remaining with the facility or plant after termination of such contracts and thus available to DOE and its future contractors for the continued use of the facility or plant. However, it is recognized that these contracts by their nature cannot always be subject to one set of prescribed contract provisions which will always

apply. Accordingly, the Rights in Technical Data-Facility clause set forth in 952.227-78 is to be used as a basic or minimal clause which may be modified or expanded with the concurrence of Patent Counsel to meet particular contract situations.

(b) Whenever a contract has as a purpose the operation of a Government-owned research or production facility, the clause set forth at 952.227-78 shall normally be included in the contract. Inasmuch as this clause secures to the Government ownership, access to, and, if requested, delivery of all technical data first produced in the performance of the contract and access to and delivery of technical data which are specifically used in the performance of the contract, there is no need to include the Additional Technical Data Requirements Clause of 952.227-73.

(c) *Subcontracting.* Unless otherwise directed by the contracting officer, the contractor shall be required to follow the policy and procedures of 927.402-1, 927.402-2, and 927.402-3 and shall employ the provisions of the Additional Technical Data Requirements clause of 952.227-73 and the Rights in Technical Data (Long Form) clause of 952.227-75, where appropriate, except in subcontracts for the design of special production plants or facilities or specially designed equipment for facilities or plants, in which instances contractors shall include the provisions of the Rights in Technical Data—Facility clause of 952.227-78.

(d) *Optional clause—Limited rights in proprietary data.* In contracts where it is determined that delivery of proprietary data is necessary with limited rights in the Government, the Rights in Technical Data clause of this section shall be supplemented by the additional paragraph (e), set forth in 952.227-79. Paragraph (e) provides that technical data may be specified in the contract as being excluded from the delivery requirements thereof. Alternatively, paragraph (e) may be limited or made applicable to only those classes of proprietary data determined as being necessary for delivery with limited rights. In addition, when furnishing proprietary data with the limited rights legend, paragraphs (a), (b) and (c) of 952.227-79 may be modified as follows. When proprietary data is to be furnished only for evaluation, paragraph (a) of the limited rights legend shall be used, and paragraphs (b) and (c), if otherwise inapplicable, may be deleted. When there is a programmatic requirement that proprietary data be disclosed to other DOE contractors only for information or use in connection with work performed under their contracts,

paragraph (b) of the limited rights legend shall be used, and paragraphs (a) and (c) may be deleted if otherwise inapplicable. In either of the foregoing examples, the contractor may, if it can show the possibility of a conflict of interest because of disclosure of such data to certain contractors or evaluators, exclude contractors or evaluators from paragraph (a) or (b). If the data is required solely for emergency repair or overhaul, paragraph (c) of the limited rights legend shall be retained, and paragraphs (a) and (b) may, unless otherwise applicable, be deleted. In the event that it is determined that all of the paragraphs (a), (b) and (c) of the limited rights legend are to be deleted, the word "none" shall be inserted in the legend after the colon (:).

(e) For contracts involving access to certain categories of DOE-owned restricted data, as set forth in 10 CFR Part 725, see 927.402-1(h).

18. Subsection 970.5204-71 is added to read as follows:

970.5204-71 Patent Rights—Nonprofit Management and Operating Contractors.

As prescribed at 970.2703, insert the clause at 952.227-11, Patent Rights-Retention by the Contractor (Short Form) with the following changes:

PATENT RIGHTS-NONPROFIT MANAGEMENT AND OPERATING CONTRACTORS (MAR 1995)

1. Replace subparagraph (e)(1) with the following: (e)(1) The contractor may request the right to reserve a revocable, nonexclusive, royalty-free license throughout the world in each subject invention to which the Government obtains title, except if the contractor fails to disclose the invention within the times specified in paragraph (c) of this clause. When DOE approves such reservation, the contractor's license will extend to its domestic subsidiaries and affiliates, if any, within the corporate structure of which the contractor is a party and includes the right to grant sublicenses of the same scope to the extent the contractor was legally obligated to do so at the time the contract was awarded. The license is transferable only with the approval of DOE, except when transferred to the successor of that part of the contractor's business to which the invention pertains.

2. Add the following paragraphs (m) and (n): (m) Transfer to successor contractor. (1) In the event of termination or expiration of this contract, the contractor shall transfer any unexpended balance of income received relating to intellectual property, in accordance with instructions from the contracting officer, to a successor contractor, or in the absence of a successor contractor, to such other entity as designated by the contracting officer. The contractor shall also transfer title, as one package, in all patents and patent applications, license agreements, accounts containing royalty revenues from such license agreements, including equity

positions in third-party entities, and other intellectual property that arose under the performance of this contract, to the successor contractor or to the Government, as directed by the contracting officer.

(2) The Government agrees that the recipient of such title shall assume any remaining obligations and liabilities in connection with the patents and patent applications.

(n) Facilities license. In addition to the rights of the parties with respect to inventions or discoveries conceived or first actually reduced to practice in the course of or under this contract, the contractor agrees to and does hereby grant to the Government an irrevocable, nonexclusive, paid-up license in and to any inventions or discoveries regardless of when conceived or actually reduced to practice or acquired by the contractor at any time through completion of this contract and which are incorporated or embodied in the construction of the facility or which are utilized in the operation of the facility or which cover articles, materials, or products manufactured at the facility (1) to practice or have practiced by or for the Government at the facility, and (2) to transfer such license with the transfer of that facility. The acceptance or exercise by the Government of these rights shall not prevent the Government at any time from contesting the enforceability, validity or scope of, or title to, any rights or patents herein licensed. (End of clause)

19. Subsection 970.5204-72 is added to read as follows:

970.5204-72 Patent Rights—Profit-Making Management and Operating Contractors

As prescribed at 970.2703, insert the clause at 952.227-13, Patent Rights-Retention by the Government, with the following changes:

PATENT RIGHTS—PROFIT-MAKING MANAGEMENT AND OPERATING CONTRACTORS (MAR 1995)

1. Add the following paragraphs (j) and (k):

(j) Transfer to successor contractor. (1) In the event of termination or expiration of this contract, the contractor shall transfer any unexpended balance of income received relating to intellectual property, in accordance with instructions from the contracting officer, to a successor contractor, or in the absence of a successor contractor, to such other entity as designated by the contracting officer. The contractor shall also transfer title, as one package, in all patents and patent applications, license agreements, accounts containing royalty revenues from such license agreements, including equity positions in third-party entities, and other intellectual property that arose under the performance of this contract, to the successor contractor or to the Government, as directed by the contracting officer.

(2) The Government agrees that the recipient of such title shall assume any remaining obligations and liabilities in connection with the patents and patent applications.

(k) Facilities License. In addition to the rights of the parties with respect to

inventions or discoveries conceived or first actually reduced to practice in the course of or under this contract, the contractor agrees to and does hereby grant to the Government an irrevocable, nonexclusive, paid-up license in and to any inventions or discoveries regardless of when conceived or actually reduced to practice or acquired by the contractor at any time through completion of this contract and which are incorporated or embodied in the construction of the facility or which are utilized in the operation of the facility or which cover articles, materials, or products manufactured at the facility (1) to practice or have practiced by or for the Government at the facility, and (2) to transfer such license with the transfer of that facility. The acceptance or exercise by the Government of these rights shall not prevent the Government at any time from contesting the enforceability, validity or scope of, or title to, any rights or patents herein licensed.

(End of clause)

[FR Doc. 95-4611 Filed 3-1-95; 8:45 am]

BILLING CODE 6450-01-P