

(3) Change the type of production or significantly increase the volume of production or storage capacity;

(4) Increase the emissions of an air pollutant to an amount that exceeds the amount specified in your approved EP, DPP, or DOCD;

(5) Significantly increase the amount of solid or liquid wastes to be handled or discharged;

(6) Request a new H2S area classification, or increase the concentration of H2S to a concentration greater than that specified by the Regional Supervisor;

(7) Change the location of your on-shore support base either from one State to another or to a new base or a base requiring expansion; or

(8) Change any other activity specified by the Regional Supervisor.

(b) *Supplemental OCS plans.* You must supplement your approved EP, DPP, or DOCD when you propose to conduct activities on your lease(s) or unit that require approval of a license or permit which is not described in your approved EP, DPP, or DOCD. These types of changes are called supplemental OCS plans.

**§ 250.284 How will MMS require revisions to the approved EP, DPP, or DOCD?**

(a) *Periodic review.* The Regional Supervisor will periodically review the activities you conduct under your approved EP, DPP, or DOCD and may require you to submit updated information on your activities. The frequency and extent of this review will be based on the significance of any changes in available information and onshore or offshore conditions affecting, or affected by, the activities in your approved EP, DPP, or DOCD.

(b) *Results of review.* The Regional Supervisor may require you to revise your approved EP, DPP, or DOCD based on this review. In such cases, the Regional Supervisor will inform you of the reasons for the decision.

**§ 250.285 How do I submit revised and supplemental EPs, DPPs, and DOCDs?**

(a) *Submittal.* You must submit to the Regional Supervisor any revisions and supplements to approved EPs, DPPs, or

DOCDs for approval, whether you initiate them or the Regional Supervisor orders them.

(b) *Information.* Revised and supplemental EPs, DPPs, and DOCDs need include only information related to or affected by the proposed changes, including information on changes in expected environmental impacts.

(c) *Procedures.* All supplemental EPs, DPPs, and DOCDs, and those revised EPs, DPPs, and DOCDs that the Regional Supervisor determines are likely to result in a significant change in the impacts previously identified and evaluated, are subject to all of the procedures under § 250.231 through § 250.235 for EPs and § 250.266 through § 250.273 for DPPs and DOCDs.

[70 FR 51501, Aug. 30, 2005, as amended at 72 FR 25201, May 4, 2007]

**DEEPWATER OPERATIONS PLANS (DWOP)**

**§ 250.286 What is a DWOP?**

(a) A DWOP is a plan that provides sufficient information for MMS to review a deepwater development project, and any other project that uses non-conventional production or completion technology, from a total system approach. The DWOP does not replace, but supplements other submittals required by the regulations such as Exploration Plans, Development and Production Plans, and Development Operations Coordination Documents. MMS will use the information in your DWOP to determine whether the project will be developed in an acceptable manner, particularly with respect to operational safety and environmental protection issues involved with non-conventional production or completion technology.

(b) The DWOP process consists of two parts: a Conceptual Plan and the DWOP. Section 250.289 prescribes what the Conceptual Plan must contain, and § 250.292 prescribes what the DWOP must contain.

**§ 250.287 For what development projects must I submit a DWOP?**

You must submit a DWOP for each development project in which you will use non-conventional production or completion technology, regardless of water depth. If you are unsure whether

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MMS considers the technology of your project non-conventional, you must contact the Regional Supervisor for guidance.

### § 250.288 When and how must I submit the Conceptual Plan?

You must submit four copies, or one hard copy and one electronic version, of the Conceptual Plan to the Regional Director after you have decided on the general concept(s) for development and before you begin engineering design of the well safety control system or subsea production systems to be used after well completion.

### § 250.289 What must the Conceptual Plan contain?

In the Conceptual Plan, you must explain the general design basis and philosophy that you will use to develop the field. You must include the following information:

- (a) An overview of the development concept(s);
- (b) A well location plat;
- (c) The system control type (*i.e.*, direct hydraulic or electro-hydraulic); and
- (d) The distance from each of the wells to the host platform.

### § 250.290 What operations require approval of the Conceptual Plan?

You may not complete any production well or install the subsea wellhead and well safety control system (often called the tree) before MMS has approved the Conceptual Plan.

### § 250.291 When and how must I submit the DWOP?

You must submit four copies, or one hard copy and one electronic version, of the DWOP to the Regional Director after you have substantially completed safety system design and before you begin to procure or fabricate the safety and operational systems (other than the tree), production platforms, pipelines, or other parts of the production system.

### § 250.292 What must the DWOP contain?

You must include the following information in your DWOP:

- (a) A description and schematic of the typical wellbore, casing, and completion;
- (b) Structural design, fabrication, and installation information for each surface system, including host facilities;
- (c) Design, fabrication, and installation information on the mooring systems for each surface system;
- (d) Information on any active stationkeeping system(s) involving thrusters or other means of propulsion used with a surface system;
- (e) Information concerning the drilling and completion systems;
- (f) Design and fabrication information for each riser system (*e.g.*, drilling, workover, production, and injection);
- (g) Pipeline information;
- (h) Information about the design, fabrication, and operation of an offtake system for transferring produced hydrocarbons to a transport vessel;
- (i) Information about subsea wells and associated systems that constitute all or part of a single project development covered by the DWOP;
- (j) Flow schematics and Safety Analysis Function Evaluation (SAFE) charts (API RP 14C, subsection 4.3c, incorporated by reference in § 250.198) of the production system from the Surface Controlled Subsurface Safety Valve (SCSSV) downstream to the first item of separation equipment;
- (k) A description of the surface/subsea safety system and emergency support systems to include a table that depicts what valves will close, at what times, and for what events or reasons;
- (l) A general description of the operating procedures, including a table summarizing the curtailment of production and offloading based on operational considerations;
- (m) A description of the facility installation and commissioning procedure;
- (n) A discussion of any new technology that affects hydrocarbon recovery systems;
- (o) A list of any alternate compliance procedures or departures for which you anticipate requesting approval; and