

TS with the plant-specific testing methodology used to determine the MSIV local leakage rate.

#### *Environmental Impacts of the Proposed Action*

The NRC has completed its environmental assessment of the proposed exemption and TS changes. The staff has concluded that the changes would not significantly affect plant safety and would not have a significant adverse effect on the probability of an accident occurring. The proposed action would not result in an increased radiological hazard beyond those previously analyzed. There will be no change to radioactive effluents that affect radiation exposures to plant workers and members of the public. The proposed action will be performed inside existing plant buildings. No changes will be made to plant buildings or the site property. Therefore, no changes or different types of radiological impacts are expected as a result of the proposed exemption.

The proposed action does not result in changes to land use or water use, or result in changes to the quality or quantity of non-radiological effluents. No changes to the National Pollution Discharge Elimination System permit are needed. No effects on the aquatic or terrestrial habitat in the vicinity or the plant, or to threatened, endangered, or protected species under the Endangered Species Act, or impacts to essential fish habitat covered by the Magnuson-Steven's Act are expected. There are no impacts to the air or ambient air quality. There are no impacts to historical and cultural resources. There would be no impact to socioeconomic resources. Therefore, no changes or different types of non-radiological environmental impacts are expected as a result of the proposed exemption. Accordingly, the NRC concludes that there are no significant environmental impacts associated with the proposed action.

The details of the NRC staff's reasoning will be provided in the safety evaluation supporting the amendment.

#### *Environmental Impacts of the Alternatives to the Proposed Action*

As an alternative to the proposed actions, the staff considered denial of the proposed actions (i.e., the "no-action" alternative). Denial of the exemption and TS change request would result in no change in current environmental impacts. The environmental impacts of the proposed exemption and TS change and the "no action" alternative are similar.

#### *Alternative Use of Resources*

The action does not involve the use of any different resources than those considered in the Final Environmental Statement for the Duane Arnold Energy Center, Docket No. 50-331, issued in March 1973.

#### *Agencies and Persons Consulted*

In accordance with its stated policy, on January 29, 2010, the staff consulted with the Iowa State official, Melanie Rasmusson, Chief of the Bureau of Radiological Health in the Iowa Department of Public Health, who is the State Liaison Officer, regarding the environmental impact of the proposed action. The State official had no comments.

#### **Finding of No Significant Impact**

On the basis of the environmental assessment, the NRC concludes that the proposed action will not have a significant effect on the quality of the human environment. Accordingly, the NRC has determined not to prepare an environmental impact statement for the proposed action.

For further details with respect to the proposed action, see the licensee's letter dated March 4, 2009 (ML090680040). Documents may be examined, and/or copied for a fee, at the NRC's Public Document Room (PDR), located at One White Flint North, 1555 Rockville Pike, Rockville, Maryland 20852. Publicly available records will be accessible electronically from the Agencywide Document Access and Management System (ADAMS) Public Electronic Reading Room on the Internet at the NRC Web site: <http://www.nrc.gov/reading-rm/adams.html>.

Persons who do not have access to ADAMS or who encounter problems in accessing the documents located in ADAMS should contact the NRC PDR Reference staff by telephone at 1-800-397-4209 or 301-415-4737, or send an e-mail to [pdr@nrc.gov](mailto:pdr@nrc.gov).

Dated at Rockville, Maryland, this 8th day of March, 2010.

For the Nuclear Regulatory Commission.

**Karl D. Feintuch,**

*Project Manager, Plant Licensing Branch III-1, Division of Operating Reactor Licensing, Office of Nuclear Reactor Regulation.*

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## **NUCLEAR REGULATORY COMMISSION**

[Docket No. 50-443; NRC-2010-0108]

### **NextEra Energy Seabrook, LLC, et al.,\* Seabrook Station, Unit No. 1 Environmental Assessment and Finding of No Significant Impact**

The U.S. Nuclear Regulatory Commission (NRC) is considering issuance of an Exemption, pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) Section 73.5, "Specific exemptions," from the implementation date for certain new requirements of 10 CFR Part 73, "Physical protection of plants and materials," for Facility Operating License No. NPF-86, issued to NextEra Energy Seabrook, LLC (the licensee), for operation of the Seabrook Station, Unit No. 1 (Seabrook), located in Rockingham County, New Hampshire. In accordance with 10 CFR 51.21, the NRC prepared an environmental assessment documenting its finding. The NRC concluded that the proposed actions will have no significant environmental impact.

#### **Environmental Assessment**

##### *Identification of the Proposed Action*

The proposed action would exempt Seabrook from the required implementation date of March 31, 2010, for several new requirements of 10 CFR Part 73. Specifically, Seabrook would be granted an exemption from being in full compliance with certain new requirements contained in 10 CFR 73.55 by the March 31, 2010, deadline. Seabrook has proposed an alternate full compliance implementation date of June 4, 2010, approximately 2 months beyond the date required by 10 CFR Part 73. The proposed action, an extension of the schedule for completion of certain actions required by the revised 10 CFR Part 73, does not involve any physical changes to the reactor, fuel, plant structures, support structures, water, or land at the Seabrook site.

The proposed action is in accordance with the licensee's application dated February 25, 2010, as supplemented by letter dated March 5, 2010.

##### *The Need for the Proposed Action*

The proposed action is needed to provide the licensee with additional time to perform the required upgrades to

\* NextEra Energy Seabrook, LLC is authorized to act as agent for the Hudson Light & Power Department, Massachusetts Municipal Wholesale Electric Company, and Taunton Municipal Light and has exclusive responsibility and control over the physical construction, operation and maintenance of the facility.

the Seabrook security system due primarily to the impacts of the spring 2010 adverse weather conditions and other factors.

#### *Environmental Impacts of the Proposed Action*

The NRC has completed its environmental assessment of the proposed exemption. The staff has concluded that the proposed action to extend the implementation deadline would not significantly affect plant safety and would not have a significant adverse effect on the probability of an accident occurring.

The proposed action would not result in an increased radiological hazard beyond those previously analyzed in the environmental assessment and finding of no significant impact made by the Commission in promulgating its revisions to 10 CFR Part 73 as discussed in a **Federal Register** notice dated March 27, 2009 (74 FR 13967). There would be no change to radioactive effluents that affect radiation exposures to plant workers and members of the public. Therefore, no changes or different types of radiological impacts are expected as a result of the proposed exemption.

The proposed action would not result in changes to land use or water use, or result in changes to the quality or quantity of non-radiological effluents. No changes to the National Pollution Discharge Elimination System permit are needed. No effects on the aquatic or terrestrial habitat in the vicinity of the plant, or to threatened, endangered, or protected species under the Endangered Species Act, or impacts to essential fish habitat covered by the Magnuson-Stevens Act are expected. There are no impacts to the air or ambient air quality.

There would be no impacts to historical and cultural resources. There would be no impact to socioeconomic resources. Therefore, no changes to or different types of non-radiological environmental impacts are expected as a result of the proposed exemption.

Accordingly, the NRC concludes that there are no significant environmental impacts associated with the proposed action. In addition, in promulgating its revisions to 10 CFR Part 73, the Commission prepared an environmental assessment and published a finding of no significant impact [Part 73, Power Reactor Security Requirements, 74 FR 13926, 13967 (March 27, 2009)].

The NRC staff's safety evaluation will be provided in the exemption that will be issued as part of the letter to the licensee approving the exemption to the regulation, if granted.

#### *Environmental Impacts of the Alternatives to the Proposed Action*

As an alternative to the proposed action, the NRC staff considered denial of the proposed action (*i.e.*, the "no-action" alternative). Denial of the exemption request would result in no change in current environmental impacts. If the proposed action was denied, the licensee would have to comply with the March 31, 2010, implementation deadline. The environmental impacts of the proposed exemption and the "no action" alternative are similar.

#### *Alternative Use of Resources*

The action does not involve the use of any different resources than those considered in the Final Environmental Statement for the Seabrook Station, Unit No. 1, NUREG-0895, dated December 1982.

#### *Agencies and Persons Consulted*

In accordance with its stated policy, on March 5, 2010, the staff consulted with the New Hampshire and Massachusetts State officials, Messrs. M. Nawoj and J. Giarrusso, respectively, regarding the environmental impact of the proposed action. Neither State official had any comments.

#### **Finding of No Significant Impact**

On the basis of the environmental assessment, the NRC concludes that the proposed action will not have a significant effect on the quality of the human environment. Accordingly, the NRC has determined not to prepare an environmental impact statement for the proposed action.

For further details with respect to the proposed action, see the licensee's letter dated February 25, 2010, as supplemented by letter dated March 5, 2010. Portions of each of the submissions contain security-related information and, accordingly, some enclosures are not available to the public. Other parts of these documents may be examined, and/or copied for a fee, at the NRC's Public Document Room (PDR), located at One White Flint North, Public File Area O-1F21, 11555 Rockville Pike (first floor), Rockville, Maryland 20852. Publicly available records will be accessible electronically from the Agencywide Document Access and Management System (ADAMS) Public Electronic Reading Room on the Internet at the NRC Web site: <http://www.nrc.gov/reading-rm/adams.html>.

Persons who do not have access to ADAMS or who encounter problems in accessing the documents located in ADAMS should contact the NRC PDR Reference staff by telephone at 1-800-

397-4209 or 301-415-4737, or send an e-mail to [pdr.resource@nrc.gov](mailto:pdr.resource@nrc.gov).

Dated at Rockville, Maryland, this 12th day of March 2010.

For the Nuclear Regulatory Commission.

**Dennis Egan,**

*Senior Project Manager, Plant Licensing Branch 1-2, Division of Operating Reactor Licensing, Office of Nuclear Reactor Regulation.*

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## **NUCLEAR REGULATORY COMMISSION**

**[Docket No. 50-302; NRC-2010-0105]**

### **Florida Power Corporation, et al., Crystal River Unit 3 Nuclear Generating Plant; Environmental Assessment and Finding of No Significant Impact**

The U.S. Nuclear Regulatory Commission (NRC, the Commission) is considering issuance of an exemption, pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) Section 73.5, "Specific exemptions," from the implementation date for certain new requirements of 10 CFR Part 73, "Physical protection of plants and materials," for Facility Operating License No. DPR 72 issued to Florida Power Corporation (the licensee), for operation of the Crystal River Unit 3 Nuclear Generating Plant (CR-3), located in Citrus County, Florida. In accordance with 10 CFR 51.21, "Criteria for and identification of licensing and regulatory actions requiring environmental assessments," the NRC prepared an environmental assessment documenting its finding. The NRC concluded that the proposed actions will have no significant environmental impact.

#### **Environmental Assessment**

##### *Identification of the Proposed Action*

The proposed action would exempt the CR-3 from the required implementation date of March 31, 2010, for two new requirements of 10 CFR Part 73. Specifically, CR-3 would be granted an exemption from being in full compliance with certain new requirements contained in 10 CFR 73.55, "Requirements for physical protection of licensed activities in nuclear power reactors against radiological sabotage," by the March 31, 2010, deadline. The licensee has proposed alternate full compliance implementation dates of November 15 and December 15, 2010, for the specific requirements identified within the