

NUCLEAR REGULATORY COMMISSION

[Docket Nos. 50-315 and 50-316]

Indiana Michigan Power Company; Donald C. Cook Unit 1 and 2, Environmental Assessment and Finding of No Significant Impact

The U.S. Nuclear Regulatory Commission (NRC) is considering issuance of an amendment to Facility Operating License No. DPR-58 and No. DPR-74, issued to Indiana Michigan Power Company (the licensee), for operation of the Donald C. Cook Nuclear Plant, Units 1 and 2, located in Berrien County, Michigan.

Environmental Assessment*Identification of the Proposed Action*

The proposed action would make administrative and editorial changes to several Technical Specifications (TSs). The proposed changes include: (1) revising boron sampling requirements in mode 6; (2) deleting a reference to obsolete equipment in a footnote; (3) deleting a redundant figure; (4) correcting a reference to another requirement; (5) deleting obsolete notes; (6) adding to surveillance requirements; (7) clarifying instrumentation configuration; and (8) correcting typographical errors.

The proposed action is in accordance with the licensee's application for amendment dated December 3, 1998.

The Need for the Proposed Action

These proposed changes are needed to remove obsolete information, provide consistency between Unit 1 and Unit 2 TSs, provide consistency with the Standard Technical Specifications, provide clarification, and correct typographical errors.

Environmental Impacts of the Proposed Action

The Commission has completed its evaluation of the proposed action and concludes that the administrative and editorial changes do not impact any requirements. The proposed action does not modify the facility or affect the manner in which the facility is operated.

The proposed action will not increase the probability or consequences of accidents, no changes are being made in the types of any effluents that may be released off site, and there is no significant increase in occupational or public radiation exposure. Therefore, there are no significant radiological environmental impacts associated with the proposed action.

With regard to potential non-radiological impacts, the proposed action does not involve any historic sites. It does not affect non-radiological plant effluents and has no other environmental impact. Therefore, there are no significant non-radiological environmental impacts associated with the proposed action.

Accordingly, the Commission concludes that there are no significant environmental impacts associated with the proposed action.

Alternatives to the Proposed Action

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

Alternative Use of Resources

This action does not involve the use of any resources not previously considered in the Final Environmental Statement for the Donald C. Cook Nuclear Plant.

Agencies and Persons Consulted

In accordance with its stated policy, on March 2, 2000, the staff consulted with the Michigan State official, Mr. David Minnaar of the Michigan Department of Environmental Quality, 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 Commission concludes that the proposed action will not have a significant effect on the quality of the human environment. Accordingly, the Commission 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 December 3, 1998, which is available for public inspection at the Commission's Public Document Room, The Gelman Building, 2120 L Street, NW., Washington, DC. Publicly available records will be accessible electronically from the ADAMS Public Library component on the NRC Web site, <http://www.nrc.gov> (the Electronic Reading Room)

Dated at Rockville, Maryland, this 22d day of March 2000.

For the Nuclear Regulatory Commission.

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NUCLEAR REGULATORY COMMISSION

[Docket Nos. 50-30 and 50-185]

National Aeronautics and Space Administration; Plum Brook Reactor and Plum Brook Mock-Up Reactor Environmental Assessment and Finding of No Significant Impact

The Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License Nos. TR-3 and R-93, issued to the National Aeronautics and Space Administration (NASA), the licensee. The license amendment would allow decommissioning of the Plum Brook Reactor and the Plum Brook Mock-up Reactor at the Plum Brook Reactor Facility (PBRF) near Sandusky, Ohio.

Environmental Assessment*Identification of the Proposed Action*

The PBRF consists of a complex of buildings with two non-power reactors. Both reactors have been shut down and defueled. The Plum Brook Reactor (Docket No. 50-30, NRC License No. TR-3) is a 60-megawatt materials test reactor, constructed to perform irradiation testing of fueled and unfueled experiments for space program application. The Plum Brook Mock-up Reactor (Docket No. 50-185, NRC License No. R-93) is a 100-kilowatt swimming-pool type reactor constructed to test "mock-up" irradiation components for the Plum Brook Reactor. The PBRF reactors were shut down in 1973. NASA currently has possession only licenses to possess the residual radioactive materials at the facility. All reactor fuel elements have been removed from the facility and the possession only licenses do not allow operation of the reactors.

NASA has proposed to decontaminate the facility to levels that would allow unrestricted release of the 11-hectare (27-acre) PBRF and termination of the licenses. The licensee submitted a decommissioning plan in accordance with 10 CFR 50.82(b) on December 20, 1999. Decommissioning, as described in the plan, will consist of transferring licensed radioactive equipment and