

UNITED STATES NUCLEAR REGULATORY COMMISSION
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY, ET AL.
DOCKET NO. 50-440
ENVIRONMENTAL ASSESSMENT AND FINDING OF
NO SIGNIFICANT IMPACT

The U. S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License No. NPF-58, issued to The Cleveland Electric Illuminating Company, Duquesne Light Company, Ohio Edison Company, Pennsylvania Power Company and Toledo Edison Company, (the licensees), for operation of the Perry Nuclear Power Plant, Unit No. 1, located in Lake County, Ohio.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action

The proposed amendment would revise Attachment 1 of the Facility Operating License to incorporate by reference the licensees' February 10, 1989 "First Refuel HED Revisions Report," reflecting revised commitments for resolution of human engineering deficiencies (HEDs) identified during their detailed control room design review.

The proposed action is in accordance with the licensees' application for amendment dated February 10, 1989.

The Need for the Proposed Action

The proposed change to Attachment 1 of the license is required in order to document the result of the licensees' recent reassessment of the remaining

HEDs which were scheduled for completion prior to the end of the first refueling outage and to document the licensees' revised commitments as a result of this reassessment.

Environmental Impacts of the Proposed Action

The Commission has completed its evaluation of the proposed revision to the license and concludes that the HEDs for which the licensees are revising their commitments are non-safety significant and the revisions are generally minor in nature or reflect the licensees' reassessment that the deficiencies no longer need correction and are considered closed. The staff has evaluated each of the licensees' revised commitments and has found them acceptable. Accordingly, the Commission concludes that this proposed action would result in no significant radiological environmental impact.

The Notice of Consideration of Issuance of Amendment and Opportunity for Prior Hearing in connection with this action was published in the Federal Register on March 21, 1989 (54 FR 11598). No request for hearing or petition for leave to intervene was filed following this notice.

With regard to potential nonradiological impacts, the proposed change to the license involves revisions to commitments for resolution of HEDs resulting from the detailed control room design review. It does not affect nonradiological plant effluents and has no other environmental impact. Therefore, the Commission concludes that there are no significant nonradiological environmental impacts associated with the proposed amendment.

Alternative to the Proposed Action

Since the Commission concluded that there are no significant environmental effects that would result from the proposed action, any alternatives with equal or greater environmental impacts need not be evaluated.

The principal alternative would be to deny the requested amendment. This would not reduce environmental impacts of plant operation and would result in reduced operational flexibility.

Alternative Use of Resources

This action does not involve the use of any resources not previously considered in the Final Environmental Statement related to operation of the Perry Nuclear Power Plant, Unit Nos. 1 and 2, dated August 1982.

Agencies and Persons Consulted

The NRC staff reviewed the licensees' request and did not consult other agencies or persons.

FINDING OF NO SIGNIFICANT IMPACT

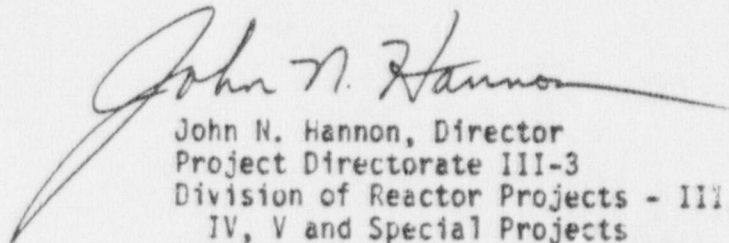
The Commission has determined not to prepare an environmental impact statement for the proposed license amendment.

Based upon the foregoing environmental assessment, we conclude that the proposed action will not have a significant effect on the quality of the human environment.

For further details with respect to this action, see the application for amendment dated February 10, 1989 which is available for public inspection at the Commission's Public Document Room, 2120 L Street, N.W., Washington, D.C. and at the Perry Public Library, 3753 Main Street, Perry, Ohio 44081.

Dated at Rockville, Maryland, this 26th day of June 1989.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script, reading "John N. Hannon", with a long horizontal flourish extending to the right.

John N. Hannon, Director
Project Directorate III-3
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation