

December 7, 1993

Docket No. 50-440

Mr. Robert A. Stratman
Vice President Nuclear - Perry
Centerior Service Company
P.O. Box 97, S270
Perry, Ohio 44081

Dear Mr. Stratman:

SUBJECT: ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT -
PERRY NUCLEAR POWER PLANT, UNIT 1 (TAC NO. M81075)

Enclosed for your information is a copy of an "Environmental Assessment and Finding of No Significant Impact." The Environmental Assessment relates to your request dated June 28, 1991, to amend the plant Technical Specifications to permit plant operation with only a single recirculation loop in operation.

The original of the Environmental Assessment has been sent to the Office of the Federal Register for publication.

Sincerely,

ORIGINAL SIGNED BY

Robert J. Stransky, Project Manager
Project Directorate III-3
Division of Reactor Projects - III/IV/V
Office of Nuclear Reactor Regulation

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OPA

*subject to noted
modifications in EA.
Return 11/30/93*

OFC:	LA:PDIII-3	PM:PDIII-3	OGC	D:PDIII-3
NAME:	MRushbrook	RStransky	CPN - modifications in EA.	JHannon
DATE:	11/18/93	11/18/93	11/23/93	12/7/93

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Mr. Robert A. Stratman
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The Honorable Robert V. Orosz
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UNITED STATES NUCLEAR REGULATORY COMMISSION
CLEVELAND ELECTRIC ILLUMINATING COMPANY, ET AL.

DOCKET NO. 50-440

PERRY NUCLEAR POWER PLANT, UNIT 1

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, et al. (the licensee), for operation of the Perry Nuclear Power Plant, Unit 1, located in Lake County, Ohio.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action

The proposed amendment would revise the provisions in the Technical Specifications (TS) relating to the setpoints and limits associated with recirculation loop operation to permit plant operation with a single recirculation loop in operation.

The proposed action is in accordance with the licensee's application for amendment dated June 28, 1991.

The Need for the Proposed Action

The proposed change to the TS is required in order to provide the licensee with the capability to operate the reactor using one recirculation loop in the event that the second recirculation loop becomes inoperable.

Environmental Impact of the Proposed Action

The Commission has completed its evaluation of the proposed revision to the TS and concludes that operation of the reactor in single recirculation loop operation will remain within the bounds of the plant design-basis.

Further, the proposed changes do not increase the probability or consequences of accidents, no changes are being made in the types of any effluents that may be released offsite, and there is no significant increase in the allowable individual or cumulative occupational radiation exposure. Accordingly, the Commission concludes that this proposed action would result in no significant radiological environmental impact.

With regard to potential nonradiological impacts, the proposed change to the TS involves systems located within the restricted areas as defined in 10 CFR Part 20. 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.

The Notice of Consideration of Issuance of Amendment and Opportunity for Hearing in connection with this action was published in the FEDERAL REGISTER on July 8, 1992 (57 FR 30275). No request for hearing or petition for leave to intervene was filed following this notice.

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 resources not previously considered in the Final Environmental Statement related to operation of the Perry Nuclear Power Plant, Units 1 and 2, dated August 1982.

Agencies and Persons Consulted

The NRC staff reviewed the licensee's 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, the Commission concludes 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 licensee's application for amendment dated June 28, 1991, which is available for public inspection at the Commission's Public Document Room, Gelman Building, 2120 L Street, NW, Washington, DC 20555 and at the local public document room at the Perry Public Library, 3753 Main Street, Perry, Ohio 44081.

Dated at Rockville, Maryland, this 7th day of December 1993

FOR THE NUCLEAR REGULATORY COMMISSION
ORIGINAL SIGNED BY
John N. Hannon, Director
Project Directorate III-3
Division of Reactor Project - III/IV/V
Office of Nuclear Reactor Regulation

PD3-3:LA
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11/18/93

PD3-3:PM
RStransky/rjs/bj
11/18/93

PD3-3:PD
JHannon
12/10/93

OGC
JW
11/23/93
subject to noted
modifications.
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