

March 5, 1987

Docket No. 50-440

Mr. Murray R. Edelman, Vice President
Nuclear Operations Group
The Cleveland Electric Illuminating
Company
P. O. Box 5000
Cleveland, Ohio 44101

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Dear Mr. Murray:

RE: Perry Nuclear Power Plant, Unit No. 1

Enclosed is an Individual Notice of Consideration of Issuance of
Amendment to Facility Operating License and Proposed No Significant
Hazards Consideration Determination. This amendment was requested
by your letter dated March 4, 1987. This notice was forwarded to
the Office of the Federal Register for publication.

Sincerely,

/s/

Paul Leech, Project Manager
BWR Project Directorate No. 4
Division of BWR Licensing

Enclosure:
As stated

cc w/enclosure:
See next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

March 5, 1987

Docket No. 50-440

Mr. Murray R. Edelman, Vice President
Nuclear Operations Group
The Cleveland Electric Illuminating
Company
P. O. Box 5000
Cleveland, Ohio 44101

Dear Mr. Murray:

RE: Perry Nuclear Power Plant, Unit No. 1

Enclosed is an Individual Notice of Consideration of Issuance of Amendment to Facility Operating License and Proposed No Significant Hazards Consideration Determination. This amendment was requested by your letter dated March 4, 1987. This notice was forwarded to the Office of the Federal Register for publication.

Sincerely,

A handwritten signature in cursive script that reads "Paul Leech".

Paul Leech, Project Manager
BWR Project Directorate No. 4
Division of BWR Licensing

Enclosure:
As stated

cc w/enclosure:
See next page

Mr. Murray R. Edelman
The Cleveland Electric
Illuminating Company

Perry Nuclear Power Plant
Units 1 and 2

cc:

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Perry, Ohio 44081

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U. S. Nuclear Regulatory Commission
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Perry, Ohio 44081

The Honorable Robert V. Orosz
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North Perry Village, Ohio 44081

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Perry, Ohio 44081

UNITED STATES NUCLEAR REGULATORY COMMISSION
CLEVELAND ELECTRIC ILLUMINATING COMPANY, ET AL.

DOCKET NO. 50-440

NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENT TO
FACILITY OPERATING LICENSE AND PROPOSED NO SIGNIFICANT HAZARDS
CONSIDERATION DETERMINATION

The U. S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License No. NPF-58 issued to 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 Station, Unit 1 located in Perry, Ohio.

The proposed amendment would change the maximum isolation time allowed by the Technical Specifications from 50 seconds to 20 seconds for operation of the Reactor Core Isolation Cooling (RCIC) system inboard containment isolation valve (1E51-F063). The change is requested by the licensees in relation to a planned conversion of this normally-closed valve, which is presently operated by a direct-current (DC) motor operator, to be normally-open with a more reliable alternating current (AC) motor operator. This change is being made because of problems experienced with the DC operator. Realignment of the valve to the normally open position will also increase the availability of the RCIC system as it will eliminate the active operating requirement for this valve on RCIC system initiation. The amendment would also delete from the Technical Specifications the load represented by the DC motor operator and the identification of the motor control center through which DC power is now supplied to the motor operator. The replacement AC

- 2 -

supply will be from another motor control center which is presently identified in the Technical Specifications. These revisions to the Technical Specifications would be made in response to the licensees' application for amendment dated March 4, 1987.

Before issuance of the proposed license amendment, the Commission will have made findings required by the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations.

The Commission has made a proposed determination that the amendment request involves no significant hazards consideration. Under the Commission's regulations in 10 CFR 50.92, this means that operation of the facility in accordance with the proposed amendment would not (1) involve a significant increase in the probability or consequences of an accident previously evaluated; or (2) create the possibility of a new or different kind of accident from any accident previously evaluated; or (3) involve a significant reduction in a margin of safety.

The proposed change does not involve a significant increase in the probability or consequences of an accident previously analyzed because the change from a DC motor operator to an AC motor operator and the decrease in the operating time requirement from 50 seconds to 20 seconds will serve to increase rather than decrease the availability of the RCIC system and the operation of the RCIC system with the valve normally open, but able to close within 20 seconds, is within the bounds of the existing main steam line break analysis. For environmental qualification, the licensees have performed an analysis which demonstrates that line isolation within 20

- 3 -

seconds will not jeopardize equipment required for safe shutdown in the environmental zones (pressure, temperature, humidity) related to the postulated pipe break.

The proposed change does not create the possibility of a new or different kind of accident from any accident previously evaluated because the RCIC system reliability will be increased, the RCIC system operation will remain within the bounds of existing safety analyses, and the basic operation of the RCIC system will not change. Furthermore, the change from DC to AC operation will not significantly affect either the AC or DC power systems, as the AC power system has more than sufficient capacity to supply the increased load of the valve operation and the load on the DC power system will decrease.

The proposed change does not involve a significant reduction in a margin of safety because the basic operation of the RCIC system is not changed, the isolation valve will maintain all of its present isolation signals, and it will be capable of operating against the maximum calculated system pressure while satisfying all applicable General Design Criteria of Appendix A to 10 CFR Part 50.

Therefore, based on these considerations and the three criteria given above, the Commission has made a proposed determination that the amendment request involves no significant hazards consideration.

The Commission has determined that failure to act in a timely way would result in shutdown of Perry Unit 1 on March 26, 1987. Therefore, the Commission has insufficient time to issue its usual 30-day notice of the proposed action for public comment.

- 4 -

If the proposed determination becomes final, an opportunity for a hearing will be published in the FEDERAL REGISTER at a later date and any hearing request will not delay the effective date of the amendment.

If the Commission decides in its final determination that the amendment does involve a significant hazards consideration, a notice of opportunity for a prior hearing will be published in the FEDERAL REGISTER and, if a hearing is granted, it will be held before any amendment is issued.

The Commission is seeking public comments on this proposed determination of no significant hazards consideration. Comments on the proposed determination may be telephoned to Walter R. Butler, Director, BWR Project Directorate No. 4, by collect call to 301-492-7538 or submitted in writing to the Rules and Procedures Branch, Division of Rules and Records, Office of Administration, U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, and should cite the publication date and page number of the FEDERAL REGISTER notice. Written comments may also be delivered to Room 4000, Maryland National Bank Building, 7735 Old Georgetown Road, Bethesda, Maryland from 8:15 a.m. to 5:00 p.m. All comments received by March 24, 1987 will be considered in reaching a final determination. A copy of the application may be examined at the Commission's Public Document Room, 1717 H Street, NW, Washington, D. C. and at the Perry Public Library, 3753 Main Street, Perry, Ohio 44081.

Dated at Bethesda, Maryland, this 5th day of March 1987.

FOR THE NUCLEAR REGULATORY COMMISSION



Walter R. Butler, Director
BWR Project Directorate No. 4
Division of BWR Licensing