

May 1, 1990

Docket No. 50-346

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Mr. Donald C. Shelton
Vice President - Nuclear
Toledo Edison Company
Edison Plaza - Stop 712
300 Madison Avenue
Toledo, Ohio 43652

Dear Mr. Shelton:

SUBJECT: ENVIRONMENTAL ASSESSMENT RELATED TO AN APPLICATION FOR AMENDMENT TO FACILITY OPERATING LICENSE NO. NPF-3 FOR THE DAVIS-BESSE NUCLEAR POWER STATION (TAC M72015)

Enclosed for your information is a copy of an Environmental Assessment and Finding of No Significant Impact related to the license amendment requested in your application dated February 21, 1989 as supplemented by letters dated July 19 and September 1, 1989. This Environmental Assessment has been forwarded to the Office of the Federal Register for publication.

Sincerely,

/s/

Thomas V. Wambach, Project Manager
Project Directorate III-3
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc: See next page

DOCUMENT NAME: M72015EA

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Surname: PKreutzer
Date: 4/27/90

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Davis-Besse Nuclear Power Station
Unit No. 1

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UNITED STATES NUCLEAR REGULATORY COMMISSION
TOLEDO EDISON COMPANY AND CLEVELAND ELECTRIC ILLUMINATING COMPANY
DOCKET NO. 50-346
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-3, issued to Toledo Edison Company and Cleveland Electric Illuminating Company (the licensees), for operation of the Davis-Besse Nuclear Power Station located in Ottawa County, Ohio.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action

The proposed amendment would revise the provisions in the Technical Specifications (TS) to increase the allowable response time for the High Flux/Number of Reactor Coolant Pumps On (power/pumps) trip function of the Reactor Protection System from .451 milliseconds to .631 milliseconds. In addition, an editorial change is proposed.

The proposed action is in accordance with the licensee's application for amendment dated February 21, 1989, as supplemented by letters dated July 19 and September 1, 1989.

The Need for the Proposed Action

The proposed change to the TS is required in order to provide the licensees with additional margin to a limit which is now very close to the capabilities of the equipment and, if exceeded, could force a plant shutdown to repair.

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Environmental Impacts of the Proposed Action

The Commission has completed its evaluation of the proposed revision to the TS and concludes that the analyses of the accidents will produce no significant changes to those previously analyzed and will have no effect on radiological effluents released from the site. 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 Hearing in connection with this action was published in the Federal Register on October 26, 1989 (54 FR 43636). 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 TS involves a change to a limit that 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 Statements for the Davis-Besse Nuclear Power Station, dated March 1973 and a Supplement dated October 1975.

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

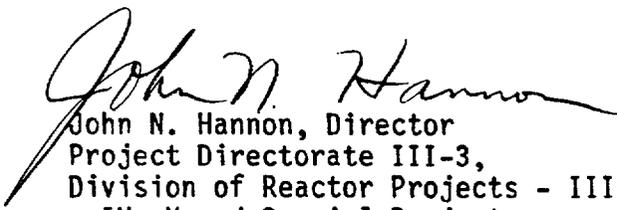
The Commission has determined not to prepare an environmental impact statement for the proposed license amendment.

Based upon the foregoing environmental assessment, 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 21, 1989 as supplemented July 19 and September 1, 1989 which are available for public inspection at the Commission's Public Document Room, 2120 L Street, N.W., Washington, D.C. and at the University of Toledo Library, Documents Department, 2801 Bancroft Avenue, Toledo, Ohio 43606.

Dated at Rockville, Maryland, this 1st day of May 1990.

FOR THE NUCLEAR REGULATORY COMMISSION


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