

October 15, 1992

Docket No. 50-346

Mr. Donald C. Shelton  
Vice President, Nuclear - Davis-Besse  
Centerior Service Company  
c/o Toledo Edison Company  
300 Madison Avenue  
Toledo, Ohio 43652

Dear Mr. Shelton:

SUBJECT: ENVIRONMENTAL ASSESSMENT RELATED TO AN APPLICATION FOR EXEMPTION  
TO 10 CFR PART 50, APPENDIX R, FOR THE DAVIS-BESSE NUCLEAR POWER  
STATION (TAC NO. M60995)

Enclosed for your information is a copy of an Environmental Assessment  
and Finding of No Significant Impact related to the exemption requested in  
your application dated May 18, 1990. This Environmental Assessment has been  
forwarded to the Office of the Federal Register for publication.

Sincerely,

Original Signed By:  
J. B. Hopkins

Jon B. Hopkins, Sr. Project Manager  
Project Directorate III-3  
Division of Reactor Projects - III/IV/V  
Office of Nuclear Reactor Regulation

Enclosure:  
Environmental Assessment

cc w/enclosure:  
See next page

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Docket File	NRC & Local PDRs	PDIII-3 r/f	JZwolinski
JHannon	JHopkins	PKreutzer	OGC-WF1
EJordan	ACRS(10)	OPA	EGreenman,RIII
PDIII-3 Gray			

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OFC	LA/PDIII-3	PM/PDIII-3	PD/PDIII-3	OGC	
NAME	PKreutzer <i>mk</i>	JHopkins/baj <i>JBH</i>	JHannon	J.Howl	
DATE	9/17/92	9/17/92	9/14/92	9/28/92	

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Mr. Donald C. Shelton  
Toledo Edison Company

Davis-Besse Nuclear Power Station  
Unit No. 1

cc:

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300 Madison Avenue  
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State Liaison to the NRC  
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2825 West Granville Road  
Columbus, Ohio 43235-2712

UNITED STATES NUCLEAR REGULATORY COMMISSIONTOLEDO EDISON COMPANYTHE CLEVELAND ELECTRIC ILLUMINATING COMPANYCENTERIOR SERVICE COMPANYDOCKET NO. 50-346ENVIRONMENTAL ASSESSMENT AND FINDING OFNO SIGNIFICANT IMPACT

The U. S. Nuclear Regulatory Commission (the Commission) is considering issuance of an exemption from the requirements of Appendix R to 10 CFR Part 50 in response to a request filed by Toledo Edison Company, The Cleveland Electric Illuminating Company, and Centerior Service Company (the licensees), for operation of the Davis-Besse Nuclear Power Station, Unit No. 1 (DBNPS), located in Ottawa County, Ohio.

ENVIRONMENTAL ASSESSMENTIdentification of Proposed Action

The proposed exemption would allow redundant trains of safe shutdown circuits in the containment annulus to not be separated by a 3-hour rated fire barrier.

The proposed action is in accordance with the licensee's application for exemption dated May 18, 1990.

The Need for the Proposed Action

The containment annulus is an approximately 4.5-foot-wide space between the shield building and the containment vessel which extends completely around and above the containment vessel. Cables and piping pass through the annulus on their way from the auxiliary building to equipment inside the containment

vessel. Modification of the current annulus fire protection features would result in considerable expenditure of engineering, construction, and plant staff resources for its installation, maintenance, and surveillance.

#### Environmental Impacts of the Proposed Action

The licensee has provided justification for the exemption demonstrating that the existing fire protection features for the containment annulus provide an equivalent level of protection from a fire. On this basis, there are no changes in the manner of the plant operation in the event of a fire.

Therefore, there will be no increase in either the probability or the amount of radiological release from the Davis-Besse plant in the event of a fire.

Accordingly, the NRC staff concludes that this proposed action would result in no significant radiological environmental impact.

With regard to potential nonradiological impacts, the proposed exemption will not cause significant increase in the nonradiological impacts and will not change any conclusions reached by the NRC staff in the "Final Environmental Statement for the Davis-Besse Nuclear Power Station, Unit No. 1" dated March 1973 and its supplement dated October 1975. Therefore, the NRC staff concludes that there are no significant nonradiological environmental impacts associated with the proposed exemption.

#### Alternative to the Proposed Action

Because the Commission's staff has concluded that there are no significant environmental impacts associated with the proposed action, any alternatives would have either no significantly different environmental impact or greater environmental impact.

The principal alternative would be to deny the requested exemption. This would not reduce environmental impacts as a result of plant operations.

Alternative Use of Resources

This action does not involve the use of any resources not previously considered in the "Final Environmental Statement for the Davis-Besse Nuclear Power Station, Unit 1" dated March 1973 and its 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 reviewed the proposed exemption to 10 CFR Part 50, Appendix R, relative to the 10 CFR Part 51 requirements.

Based upon the foregoing environmental assessment, the staff concludes that the proposed action will not have a significant effect on the quality of the human environment. Accordingly, the Commission has determined, pursuant to 10 CFR 51.31, not to prepare an environmental impact statement for the proposed action.

For further details with respect to this action, see the request for exemption dated May 18, 1990, which is 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, 2081 Bancroft Avenue, Toledo, Ohio 43606.

Dated at Rockville, Maryland, this 15th                    day of October                    1992.

FOR THE NUCLEAR REGULATORY COMMISSION



Jon B. Hopkins, Acting Director  
Project Directorate III-3  
Division of Reactor Projects - III/IV/V  
Office of Nuclear Reactor Regulation



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

October 16, 1992

DOCKET NO. 50-346

MEMORANDUM FOR: Regulatory Publications Branch  
Division of Freedom of Information and Publications Services  
Office of Administration and Resources Management

FROM: Office of Nuclear Reactor Regulation

SUBJECT: TOLEDO EDISON COMPANY THE CLEVELAND ELECTRIC ILLUMINATING  
COMPANY CENTERIOR SERVICE COMPANY - ~~REVIS~~ - BESSE NUCLEAR POWER  
STATION

One signed original of the *Federal Register* Notice identified below is enclosed for your transmittal to the Office of the Federal Register for publication. Additional conformed copies ( 6 ) of the Notice are enclosed for your use.

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- Notice of Receipt of Partial Application for Construction Permit(s) and Facility License(s): Time for Submission of Views on Antitrust Matters.
- Notice of Consideration of Issuance of Amendment to Facility Operating License. (Call with \_\_\_ -day insert date).
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- Environmental Assessment.
- Notice of Preparation of Environmental Assessment.
- Receipt of Petition for Director's Decision Under 10 CFR 2.206.
- Issuance of Final Director's Decision Under 10 CFR 2.206.
- Other: \_\_\_\_\_

John N. Hannon, Director  
Project Directorate III-3

Enclosure:  
As stated

Contact: Jon B. Hopkins  
Phone: 504-3027

OFFICE ▶							
SURNAME ▶							
DATE ▶							