August 7, 1996

Mr. John K. Wood
Vice President - Nuclear, Davis-Besse
Centerior Service Company
c/o Toledo Edison Company
Davis-Besse Nuclear Power Station
5501 North State Route 2
Oak Harbor, OH 43449-9760

Dear Mr. Wood:

SUBJECT: ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT - DAVIS-BESSE NUCLEAR POWER STATION, UNIT NO. 1 (TAC NO. M96091)

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact related to your application for exemption dated June 28, 1996. The proposed exemption would allow the use of a hand geometry biometric system to control unescorted access into the protected areas of Davis-Besse Nuclear Power Station in conjunction with photograph identification badges and would allow the badges to be taken off site.

The assessment is being forwarded to the Office of the Federal Register for publication.

Sincerely,

ORIGINAL SIGNED BY:

Linda L. Gundrum, Project Manager
Project Directorate III-3
Division of Reactor Projects - III/IV
Office of Nuclear Reactor Regulation

Docket No. 50-346

Enclosure: Environmental Assessment

cc w/encl: See next page

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UNITED STATES NUCLEAR REGULATORY COMMISSION

TOLEDO EDISON COMPANY

CENTERIOR SERVICE COMPANY

AND

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

DOCKET NO. 50-346

DAVIS-BESSE NUCLEAR POWER STATION, UNIT NO. 1

ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an exemption from certain requirements of its regulations to Facility Operating License No. NPF-3, issued to the Toledo Edison Company, Centerior Service Company and The Cleveland Electric Illuminating Company (the licensees), for operation of the Davis-Besse Nuclear Power Station (DBNPS), located in Ottawa County, Ohio.

ENVIRONMENTAL ASSESSMENT

Identification of the Proposed Action:

The proposed action is in accordance with the licensees' application dated June 28, 1996, for an exemption from certain requirements of 10 CFR 73.55, "Requirements for Physical Protection of Licensed Activities in Nuclear Power Reactors Against Radiological Sabotage." The requested exemption would allow the implementation of a hand geometry biometric system of site access control in conjunction with photograph identification badges and would allow the badges to be taken off site.

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The Need for the Proposed Action:

Pursuant to 10 CFR 73.55(a), the licensee is required to establish and maintain an onsite physical protection system and security organization.

In 10 CFR 73.55(d), "Access Requirements," it specifies in part that "The licensee shall control all points of personnel and vehicle access into a protected area." In 10 CFR 73.55(d)(5), it specifies in part that "A numbered picture badge identification system shall be used for all individuals who are authorized access to protected areas without escort." It further indicates that an individual not employed by the licensee (e.g., contractors) may be authorized access to protected areas without an escort provided the individual "receives a picture badge upon entrance into the protected area which must be returned upon exit from the protected area."

Currently, unescorted access for both employee and contractor personnel into the DBNPS is controlled through the use of picture badges. Positive identification of personnel who are authorized and request access into the protected area is established by security personnel making a visual comparison of the individual requesting access and that individual's picture badge. The picture badges are issued, stored, and retrieved at the entrance/exit location to the protected area. in accordance with 10 CFR 73.55(d)(5), contractor personnel are not allowed to take their picture badges off site. In addition, in accordance with the plant's physical security plan, the licensees' employees are also not allowed to take their picture badges off site. The licensees propose to implement an alternative unescorted access control system which would eliminate the need to issue and retrieve picture badges at the entrance/exit location to the protected area. The proposal would also allow contractors who have unescorted access to keep their picture badges in their

possession when departing the DBNPS site. In addition, the site security plans will be revised to allow implementation of the hand geometry system and to allow employees and contractors with unescorted access to keep their picture badges in their possession when leaving the DBNPS site.

Environmental Impacts of the Proposed Action:

The Commission has completed its evaluation of the proposed action. In addition to their picture badges, all individuals with authorized unescorted access will have the physical characteristics of their hand (hand geometry) registered with their picture badge number in a computerized access control system. Therefore, all authorized individuals must have not only their picture badges to gain access into the protected area, but must also have their hand geometry confirmed.

All other access processes, including search function capability and access revocation, will remain the same. A security officer responsible for access control will continue to be positioned within a bullet-resistant structure. The proposed system is only for individuals with authorized unescorted access and will not be used for individuals requiring escorts.

The underlying purpose for requiring that individuals not employed by the licensees must receive and return their picture badges at the entrance/exit is to provide reasonable assurance that the access badges could not be compromised or stolen with a resulting risk that an unauthorized individual could potentially enter the protected area. Although the proposed exemption will allow individuals to take their picture badges off site, the proposed measures require that not only the picture badge be provided for access to the protected area, but also that verification of the hand geometry registered with the badge be performed as discussed above. Thus, the proposed system

provides an identity verification process that is equivalent to the existing process.

Accordingly, the Commission concludes that the proposed exemption to allow individuals not employed by the licensees to take their picture badges off site will not result in an increase in the risk that an unauthorized individual could potentially enter the protected area. Consequently, the Commission concludes that granting the exemption will not increase the probability or consequences of accidents, will make no changes in the types of any effluents that may be released offsite, and will not significantly increase the allowable individual or cumulative occupational radiation exposure. Accordingly, the Commission concludes that there are no significant radiological environmental impacts associated with the proposed action.

With regard to potential nonradiological impacts, the proposed action does involve features located entirely within the restricted area as defined in 10 CFR Part 20. It does not affect nonradiological plant effluents and has no other environmental impact. Accordingly, the Commission concludes that there are no significant nonradiological environmental impacts associated with the proposed action.

Alternatives to the Proposed Action:

Since the Commission has concluded there is no measurable environmental impact associated with the proposed action, any alternatives with equal or greater environmental impact need not be evaluated. As an alternative to the proposed action, the staff considered denial of the proposed action. Denial of the application would result in no change in current environmental impacts. The environmental impacts of the proposed action and the alternative action are similar.

Alternative Use of Resources:

This action does not involve the use of any resources not previously considered in the Final Environmental Statement for the DBNPS.

Agencies and Persons Consulted:

In accordance with its stated policy, on July 22, 1996, the staff consulted with the Ohio State official, Carol O'Claire of the Ohio Emergency Management Agency, regarding the environmental impact of the proposed action. The State official had no comments.

FINDING OF NO SIGNIFICANT IMPACT

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

For further details with respect to the proposed action, see the licensees' letter dated June 28, 1996, which is available for public inspection at the Commission's Public Document Room, The Gelman Building, 2120 L Street, NW., Washington, DC, and at the local public document room located at the University of Toledo, William Carlson Library, Government Documents Collection, 2801 West Bancroft Avenue, Toledo, Ohio 43606.

Dated at Rockville, Maryland, this 7th day of August 1996.

FOR THE NUCLEAR REGULATORY COMMISSION

Linda R. Gundrum

Linda L. Gundrum, Project Manager
Project Directorate III-3
Division of Reactor Projects - III/IV
Office of Nuclear Reactor Regulation

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President, Board of County
Commissioner of Ottawa County
Port Clinton, Ohio 43452

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August 8, 1996

MEMORANDUM TO: Rules Review and Directives Branch
Division of Freedom of Information and Publications Services
Office of Administration

FROM: Office of Nuclear Reactor Regulation

SUBJECT: TOLEDO EDISON COMPANY, CENTERIOR SERVICE COMPANY AND THE CLEVELAND ELECTRIC ILLUMINATING COMPANY DAVIS-BESSE NUCLEAR POWER STATION, UNIT NO. 1

One signed original of the *Federal Register* Notice identified below is attached for your transmittal to the Office of the Federal Register for publication. Additional conformed copies (5) of the Notice are enclosed for your use.

- [ ] Notice of Receipt of Application for Construction Permit(s) and Operating License(s).
- [ ] 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 30-day insert date).
- [ ] Notice of Receipt of Application for Facility License(s); Notice of Availability of Applicant's Environmental Report; and Notice of Consideration of Issuance of Facility License(s) and Notice of Opportunity for Hearing.
- [ ] Notice of Availability of NRC Draft/Final Environmental Statement.
- [ ] Notice of Limited Work Authorization.
- [ ] Notice of Availability of Safety Evaluation Report.
- [ ] Notice of Issuance of Construction Permit(s).
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- [ ] Order.
- [ ] Exemption.
- [ ] Notice of Granting Exemption.
- [x] 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: _____

DOCKET NO. 50-346

Attachment(s): As stated

Contact Doris J. Foster-Curseen
Telephone: (301) 415-1379

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