

December 27, 1989

Docket No. 50-346

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

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Dear Mr. Shelton:

SUBJECT: AMENDMENT NO. 142 TO FACILITY OPERATING LICENSE NO. NPF-3  
(TAC NO. 74807)

The Commission has issued Amendment No. 142 to Facility Operating License No. NPF-3 for the Davis-Besse Nuclear Power Station, Unit No. 1. The amendment revises the Technical Specifications in response to your application dated October 9, 1989.

This amendment modifies the Technical Specifications to permit the current or previous holding of a Senior Reactor Operator's license on a pressurized water reactor, by the Manager-Plant Operations to serve as an acceptable qualification for that position and changes a title in the Station Review Board Composition to reflect the current title for the position of Manager-Plant Operations.

A copy of the Safety Evaluation is also enclosed. Notice of issuance will be included in the Commission's next biweekly Federal Register notice.

Sincerely,

/s/

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

Enclosures:

1. Amendment No. 142 to License No. NPF-3
2. Safety Evaluation

cc: See next page

Office: LA/PDIII-3  
Surname: PKreutzer  
Date: 12/1/89

PM/PDIII-3  
TWambach/tg  
12/07/89

PD/PDIII-3  
JHannon  
12/5/89

OGC-WF1  
12/11/89

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Mr. Donald C. Shelton  
Toledo Edison Company

Davis-Besse Nuclear Power Station  
Unit No. 1

cc:

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Public Utilities Commission  
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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

TOLEDO EDISON COMPANY

AND

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

DOCKET NO. 50-346

DAVIS-BESSE NUCLEAR POWER STATION, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 142  
License No. NPF-3

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by the Toledo Edison Company and The Cleveland Electric Illuminating Company (the licensees) dated October 9, 1989 complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. NPF-3 is hereby amended to read as follows:

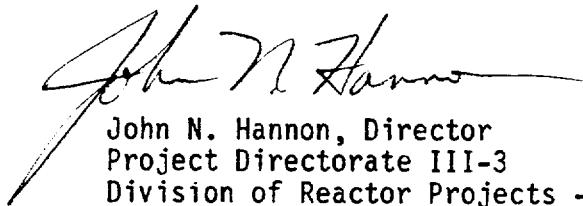
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P FDC

(a) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 142, are hereby incorporated in the license. The Toledo Edison Company shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of its date of issuance and shall be implemented not later than 45 days after issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



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

Attachment: Changes to the Technical  
Specifications

Date of Issuance: December 27, 1989

ATTACHMENT TO LICENSE AMENDMENT NO. 142

FACILITY OPERATING LICENSE NO. NPF-3

DOCKET NO. 50-346

Replace the following pages of the Appendix "A" Technical Specifications with the attached pages. The revised pages are identified by amendment number and contain vertical lines indicating the area of change. The corresponding overleaf pages are also provided to maintain document completeness.

Remove

6-1a  
6-5  
6-6

Insert

6-1a  
6-5  
6-6

## 6.0 ADMINISTRATIVE CONTROLS

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### 6.2.2 FACILITY STAFF

- a. Each on duty shift shall be composed of at least the minimum shift crew composition shown in Table 6.2-1.
- b. At least one licensed Operator shall be in the control panel area when fuel is in the reactor.
- c. At least two licensed Operators, one of which has a Senior Reactor Operator license, shall be present in the control room while in MODES 1, 2, 3, or 4.
- d. An individual qualified in radiation protection procedures shall be on site when fuel is in the reactor#.
- e. All CORE ALTERATIONS shall be directly supervised by either a licensed Senior Reactor Operator or Senior Reactor Operator Limited to Fuel Handling who has no other concurrent responsibilities during this operation.
- f. A site Fire Brigade of at least 5 members shall be maintained onsite at all times#. The Fire Brigade shall not include 3 members of the minimum shift crew necessary for safe shutdown of the unit and any personnel required for other essential functions during a fire emergency.
- g. The Manager-Plant Operations shall either hold or have held a senior reactor operator's license on a pressurized water reactor. The Operations Superintendent shall hold a senior reactor operator license for the Davis-Besse Nuclear Power Station.

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# The individual qualified in radiation protection procedures and the Fire Brigade Composition may be less than the minimum requirements for a period of time not to exceed 2 hours in order to accommodate unexpected absence, provided immediate action is taken to fill the required positions.

## ADMINISTRATIVE CONTROLS

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### 6.3 FACILITY STAFF QUALIFICATIONS

6.3.1 Each member of the facility staff shall meet or exceed the minimum qualifications of ANSI N18.1-1971 for comparable positions, except for (1) the Radiological Controls Superintendent who shall meet or exceed the qualifications of Regulatory Guide 1.8, September 1975, (2) the Shift Technical Advisor who shall have a bachelor's degree or equivalent in a scientific or engineering discipline with specific training in plant design, and response and analysis of the plant for transients and accidents, and (3) the Manager - Plant Operations whose requirement for a senior reactor operator license is as stated in Specification 6.2.2.g.

### 6.4 TRAINING

6.4.1 A retraining and replacement training program for the facility staff shall be maintained under the direction of the Nuclear Training Director and shall meet or exceed the requirements and recommendations of Section 5.5 of ANSI N18.1-1971 and of 10 CFR 55.59.

6.4.2 A training program for the Fire Brigade shall be maintained under the direction of the Nuclear Training Director.

### 6.5 REVIEW AND AUDIT

#### 6.5.1 STATION REVIEW BOARD (SRB)

##### FUNCTION

6.5.1.1 The Station Review Board (SRB) shall function to advise the Plant Manager on all matters related to nuclear safety.

## ADMINISTRATIVE CONTROLS

### COMPOSITION

6.5.1.2 The Station Review Board shall be composed of the:

Chairman: Station Review Board Chairman\*  
Member: Manager - Plant Operations  
Member: Assistant Plant Manager, Maintenance  
Member: Technical Support Manager  
Member: Radiological Controls Superintendent  
Member: Operations Engineering Supervisor (Plant)  
Member: An Engineering Director  
Member: Quality Assurance Supervisor  
Member: Operations Superintendent (Plant)

\* Designated in writing by the Plant Manager. The Chairman will be drawn from SRB members.

### ALTERNATES

6.5.1.3 All alternate members shall be appointed in writing by the SRB Chairman; however, no more than two alternates shall participate as voting members in SRB activities at any one time.

### MEETING FREQUENCY

6.5.1.4 The SRB shall meet at least once per calendar month and as convened by the SRB Chairman or his designated alternate.

### QUORUM

6.5.1.5 A quorum of the SRB shall consist of the Chairman or his designated alternate and four members including alternates.

### RESPONSIBILITIES

6.5.1.6 The Station Review Board shall be responsible for:

- a. Review of plant administrative procedures and changes thereto.
- b. Review of the safety evaluation for 1) procedures, 2) changes to procedures, equipment or systems, and 3) tests or experiments completed under the provisions of 10 CFR 50.59, to verify that such actions do not constitute an unreviewed safety question.
- c. Review of proposed procedures and changes to procedures and equipment determined to involve an unreviewed safety question as defined in 10 CFR 50.59.

## ADMINISTRATIVE CONTROLS

### COMPOSITION

6.5.1.2 The Station Review Board shall be composed of the:

Chairman: Station Review Board Chairman\*  
Member: Manager - Plant Operations  
Member: Assistant Plant Manager, Maintenance  
Member: Technical Support Manager  
Member: Radiological Controls Superintendent  
Member: Operations Engineering Supervisor (Plant)  
Member: An Engineering Director  
Member: Quality Assurance Supervisor  
Member: Operations Superintendent (Plant)

\* Designated in writing by the Plant Manager. The Chairman will be drawn from SRB members.

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- c. Review of proposed procedures and changes to procedures and equipment determined to involve an unreviewed safety question as defined in 10 CFR 50.59.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 142 TO FACILITY OPERATING LICENSE NO. NPF-3

TOLEDO EDISON COMPANY

AND

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

DAVIS-BESSE NUCLEAR POWER STATION, UNIT NO. 1

DOCKET NO. 50-346

## 1.0 INTRODUCTION

By letter dated October 9, 1989, Toledo Edison Company (TE, the licensee) proposed changes to the Technical Specifications (TS) Appendix A to Facility Operating License No. NPF-3. The proposed changes would relax the current qualifications requirement that the Manager - Plant Operations must hold a Senior Reactor Operator's (SRO) license for Davis-Besse. The requirement would be changed to permit the current or previous holding of an SRO license for a pressurized water reactor to serve as an acceptable qualification for the Manager-Plant Operations. There is an intermediate line manager, the Operations Superintendent, who is required to hold an SRO license for Davis-Besse and whose responsibilities include supervising the operating shift supervisors. The changes also include a title change in the Station Review Board composition to reflect the current title for the position of Manager-Plant Operations.

The proposed change to TS 6.2.2.g was rephrased for clarity. The rewording does not change the meaning or intent of the licensee's proposed change. The licensee concurs with the rephrasing of TS 6.2.2.g.

## 2.0 DISCUSSION

The licensee's proposed changes would modify TS Sections 6.2.2.g and 6.3 to change the current requirement that the Manager-Plant Operations hold an SRO license. The revision would state that the Manager-Plant Operations "shall either hold or have held a senior reactor operator's license on a pressurized water reactor." The Manager-Plant Operations has responsibility for plant operations, chemistry, operations engineering and shift manager sections and when necessary, substitutes for the Plant Manager. However, the Manager-Plant Operations does not directly supervise the reactor operators. Direct supervision of the reactor operators is the responsibility of Shift Supervisors, who are required to hold an SRO license for Davis-Besse, and who, in turn, are supervised by the Operations Superintendent who is also required to hold an SRO license for Davis-Besse.

TS 6.5.1.2, Station Review Board composition, "Assistant Plant Manager, Operations" would be revised to "Manager-Plant Operations" to reflect the current title.

### 3.0 EVALUATION

The staff finds that the requested change provides an adequate level of qualification for the position provided that the shift personnel report directly to a management position that holds a Senior Reactor Operators license. In this case, there is an in-line position of Operations Superintendent between the operating shifts and the Manager-Plant Operations. The Operations Superintendent is required by TS 6.2.2.g to hold an SRO license and has direct responsibility for the operating shifts. This meets the regulations and guidance in the Standard Review Plan, Sections 13.1.2 and 13.1.3, "Plant Operations." The requested change for TS 6.5.1.2 is purely administrative. Therefore, the NRC staff finds the proposed changes acceptable.

### 4.0 ENVIRONMENTAL CONSIDERATION

This amendment relates to changes in recordkeeping, reporting, or administrative procedures or requirements. Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendment.

### 5.0 CONCLUSION

The staff has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations, and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributors: Paul Byron, SRI Davis-Besse

Dated: December 27, 1989