

August 2, 1988

Docket No. 50-346  
Serial No. DB-88-008

Mr. Donald C. Shelton  
Vice President, Nuclear  
Toledo Edison Company  
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Dear Mr. Shelton:

SUBJECT: AMENDMENT NO. 115 TO FACILITY OPERATING LICENSE NO. NPF-3  
DELETION OF ORGANIZATION CHARTS (TAC 67906)

Dear Mr. Shelton:

The Commission has issued the enclosed Amendment No. 115 to Facility Operating License No. NPF-3 for the Davis-Besse Nuclear Power Station, Unit No. 1. This amendment consists of changes to the Technical Specifications (TS's) in response to your application dated April 22, 1988 (Serial No. 1512).

This amendment deletes Figure 6.2-1, Davis-Besse Nuclear Power Station Offsite/Onsite Organization, and Figure 6.2-2, Davis-Besse Nuclear Power Station Operations Organization, from the TS's. The amendment also changes Sections 6.2.1 and 6.2.2 of the TS to compensate for the deletion of the organization charts.

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,

*AS*

Albert W. De Agazio, Sr. Project Manager  
Project Directorate III-3  
Division of Reactor Projects - III, IV,  
V & Special Projects

Enclosures:

1. Amendment No.115 to License No. NPF-3
2. Safety Evaluation

cc: See next page

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Date: 7/22/88 *w/10*

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Mr. Donald C. Shelton  
Toledo Edison Company

Davis-Besse Nuclear Power Station  
Unit No. 1

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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. 115  
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 April 22, 1988 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:

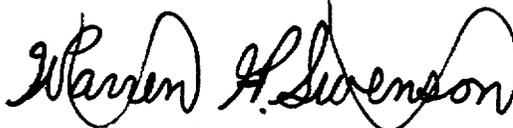
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(a) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 115, 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 September 19, 1988.

FOR THE NUCLEAR REGULATORY COMMISSION



for: Kenneth E. Perkins, Director  
Project Directorate III-3  
Division of Reactor Projects - III, IV,  
V, & Special Projects

Attachment: Changes to the Technical  
Specifications

Date of Issuance: August 4, 1988

ATTACHMENT TO LICENSE AMENDMENT NO. 115

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

6-1  
--  
6-2  
6-3

Insert

6-1  
6-1a  
6-2  
6-3

## 6.0 ADMINISTRATIVE CONTROLS

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### 6.1 RESPONSIBILITY

6.1.1 The Plant Manager shall be responsible for overall facility operation and shall delegate in writing the succession to this responsibility during his absence.

### 6.2 ORGANIZATION

#### 6.2.1 OFFSITE AND ONSITE ORGANIZATIONS

Onsite and offsite organizations shall be established for facility operation and corporate management, respectively. The onsite and offsite organizations shall include the positions for activities affecting the safety of the nuclear power plant.

- a. Lines of authority, responsibility, and communication shall be established and defined for the highest management levels through intermediate levels to and including all operating organization positions. These relationships shall be documented and updated, as appropriate, in the form of organization charts, functional descriptions of departmental responsibilities and relationships, and job descriptions for key personnel positions, or in equivalent forms of documentation. These requirements shall be documented in the Updated Safety Analysis Report.
- b. The Vice President, Nuclear shall have corporate responsibility for overall plant nuclear safety and shall take any measures needed to ensure acceptable performance of the staff in operating, maintaining, and providing technical support to the plant to ensure nuclear safety.
- c. The Plant Manager shall be responsible for overall unit safe operation and shall have control over those onsite activities necessary for safe operation and maintenance of the plant.
- d. The individuals who train the operating staff and those who carry out health physics and quality assurance functions may report to the appropriate onsite manager; however, they shall have sufficient organizational freedom to ensure their independence from operating pressures.

## 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 room when fuel is in the reactor.
- c. At least two licensed Operators shall be present in the control room during reactor start-up, scheduled reactor shutdown and during recovery from reactor trips.
- 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 Assitant Plant Manager-Operations shall hold a senior reactor operator license. The Operations Superintendent shall hold a senior reactor operator license.

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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.

Figure 6.2-1

Davis-Besse Nuclear Power Station  
Offsite/Onsite Organization

DELETED

Figure 6.2-2

Davis-Besse Nuclear Power Station  
Operations Organization

DELETED

TABLE 6.2-1

MINIMUM SHIFT CREW COMPOSITION#

LICENSE CATEGORY	APPLICABLE MODES	
	1, 2, 3 & 4	5 & 6
SOL	1	1*
OL	2	1
Non-Licensed	2	1
Shift Technical Advisor	1	None Required

\*Does not include the licensed Senior Reactor Operator or Senior Reactor Operator Limited to Fuel Handling supervising CORE ALTERATIONS.

#Shift crew composition may be less than the minimum requirements for a period of time not to exceed 2 hours in order to accommodate unexpected absence of on duty shift crew members provided immediate action is taken to restore the shift crew composition to within the minimum requirements of Table 6.2-1.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 115 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 April 22, 1988, the Toledo Edison Company (TED), the licensee, proposed changes to Technical Specifications (TS's) Sections 6.2.1, Offsite [Organization], and 6.2.2, Facility Staff [Organization]. The proposed changes would delete Figures 6.2-1 and 6.2-2 which show the onsite and offsite organizational structure and operations organization and add specific requirements relating to organizational structure to TS Sections 6.2.1 and 6.2.2. Guidance for these proposed changes to the TS was provided to licensees and applicants by Generic Letter 88-06 dated March 22, 1988.

2.0 BACKGROUND

Consistent with the guidance provided in the Standard Technical Specifications, Specifications 6.2.1 and 6.2.2 of the administrative control requirements have referenced offsite and unit (onsite) organization charts that are provided as figures to these sections. On a plant-specific basis, these organization charts have been provided by applicants and included in the TS issued with the operating license. Subsequent restructuring of either the offsite or onsite organization following issuance of the operating license has required licensees to submit an application for license amendment and NRC approval of any desired changes to these organizations.

The nuclear industry has highlighted this as an area for improvement in the TS. The Shearon Harris licensee proposed changes to remove organization charts from its TS under the lead-plant concept that included the endorsement of the proposed changes by the Westinghouse Owners Group. In its review of the Shearon Harris proposal, the staff concluded that most of the essential elements of offsite and onsite organization charts are captured by other regulatory requirements, notably, Appendix B to 10 CFR Part 50. However, there are aspects of the organizational structure that are important to ensure

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that the administrative control requirements of 10 CFR 50.36 would be met but which would not be retained with the removal of the organization charts.

The applicable regulatory requirements are those administrative controls that are necessary to ensure safe operation of the facility. Therefore, those aspects of organization charts for Shearon Harris that were essential for conformance with regulatory requirements were added (1) to Specification 6.2.1 to define functional requirements for the offsite and onsite organizations and (2) to Specification 6.2.2 to define qualification requirements of the unit staff.

On January 27, 1988, the staff issued Amendment No. 3 to Facility Operating License NFP-63 for the Shearon Harris Nuclear Power Plant that incorporated these changes. Subsequently, the staff developed guidance for an acceptable format for license amendment requests to remove the organization charts from TS. Generic Letter 88-06 provided this guidance to all licensees and applicants.

### 3.0 EVALUATION

The Toledo Edison Co. has proposed changes to its TS which are in accordance with the guidance provided by Generic Letter 88-06 and has addressed the items listed below.

- (1) Specifications 6.2.1 and 6.2.2 would be revised to delete the references to Figures 6.2-1 and 6.2-1 and the figures would be removed from the TS.
- (2) Functional requirements of the offsite and onsite organizations, consistent with the guidance provided in Generic Letter 88-06, would be defined and added to Technical Specification 6.2.1. The specification would note also that implementation of these requirements is documented in the Updated Safety Analysis Report (USAR) and updated in accordance with 10 CFR 50.71(e).
- (3) The organization chart for the unit staff does not stipulate senior reactor operator or reactor operator license qualified positions. Hence, this is not an applicable consideration related to the removal of the organization charts from the TS for Davis-Besse.
- (4) Consistent with requirements to document the offsite and onsite organization relationships in the form of organization charts, Toledo Edison Co. has added this documentation in the USAR.

Based on review of the above items, the staff concludes that the Toledo Edison Co. has provided an acceptable application with respect to the NRC guidance for removing organization charts from the administrative control requirements of the TS. Furthermore, the staff finds that these changes are consistent

with the staff's generic finding on the acceptability of such changes as noted in Generic Letter 88-06.

#### 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 this amendment.

#### 5.0 CONCLUSION

On the basis of the considerations discussed above, the staff concludes that (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) 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 Contributor: Albert W. De Agazio

Dated: August 2, 1988