

November 23, 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

DISTRIBUTION

Docket File	GHill(4)
NRC & Local PDRs	Wanda Jones
PD3-3 Reading	CGrimes
BBoger	ACRS(10)
JZwolinski	OPA
JHannon	OC/LFMB
PKreutzer	BClayton,RIII
JHopkins	PD3-3 Gray
OGC-WF	HConrad
DHagan	JWiggins

Dear Mr. Shelton:

SUBJECT: AMENDMENT NO. 175 TO FACILITY OPERATING LICENSE NO. NPF-3
(TAC NO. M79963)

The Commission has issued Amendment No. 175 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 March 1, 1991.

This amendment revises Technical Specification 6.2.2, Facility Staff, by adding a footnote to Table 6.2-1, Minimum Shift Crew Composition. The footnote would allow one of the two required individuals filling the Senior Operator License position to assume the Shift Technical Advisor (STA) function, provided the individual meets the qualifications for the Combined Senior Reactor Operator/STA position.

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,

ORIGINAL SIGNED BY:

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

Enclosures:

1. Amendment No. 175 to License No. NPF-3
 2. Safety Evaluation
- cc w/enclosures:
See next page

OFFICE	PD3-3:LA	PD3-3:PM JBH	PD3-3:PD JBH	EHPF:DLPQ	OGC
NAME	PKreutzer	JHopkins/bj	JHannon	Wermiel	CPW
DATE	10/15/92	10/15/92	10/15/92	11/6/92	11/9/92

OFFICIAL RECORD

DOCUMENT NAME: DB79963.AMD

9212070085 921123
PDR ADDCK 05000346
P PDR

CP-1

DFC1



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

November 23, 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: AMENDMENT NO. 175 TO FACILITY OPERATING LICENSE NO. NPF-3
(TAC NO. M79963)

The Commission has issued Amendment No. 175 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 March 1, 1991.

This amendment revises Technical Specification 6.2.2, Facility Staff, by adding a footnote to Table 6.2-1, Minimum Shift Crew Composition. The footnote would allow one of the two required individuals filling the Senior Operator License position to assume the Shift Technical Advisor (STA) function, provided the individual meets the qualifications for the combined Senior Reactor Operator/STA position.

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,

A handwritten signature in cursive script that reads "Jon B. Hopkins".

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

Enclosures:

1. Amendment No. 175 to License No. NPF-3
2. Safety Evaluation

cc w/enclosures:

Mr. Donald C. Shelton
Toledo Edison Company

Davis-Besse Nuclear Power Station
Unit No. 1

cc:

Mary E. O'Reilly
Centerior Energy Corporation
300 Madison Avenue
Toledo, Ohio 43652

Radiological Health Program
Ohio Department of Health
Post Office Box 118
Columbus, Ohio 43266-0149

Mr. Robert W. Schrauder
Manager, Nuclear Licensing
Toledo Edison Company
300 Madison Avenue
Toledo, Ohio 43652

Attorney General
Department of Attorney
General
30 East Broad Street
Columbus, Ohio 43215

Gerald Charnoff, Esq.
Shaw, Pittman, Potts
and Trowbridge
2300 N Street, N.W.
Washington, D.C. 20037

Mr. James W. Harris, Director
Division of Power Generation
Ohio Department of Industrial Regulations
P. O. Box 825
Columbus, Ohio 43216

Regional Administrator, Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Ohio Environmental Protection Agency
DERR--Compliance Unit
ATTN: Zack A. Clayton
P. O. Box 1049
Columbus, Ohio 43266-0149

Mr. Robert B. Borsum
Babcock & Wilcox
Nuclear Power Generation Division
1700 Rockville Pike, Suite 525
Rockville, MD 20852

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

Resident Inspector
U. S. Nuclear Regulatory Commission
5503 N. State Route 2
Oak Harbor, Ohio 43449

State of Ohio
Public Utilities Commission
180 East Broad Street
Columbus, Ohio 43266-0573

Mr. Murray R. Edelman
Executive Vice President -
Power Generation
Centerior Service Company
6200 Oak Tree Boulevard
Independence, Ohio 44101

Mr. James R. Williams
State Liaison to the NRC
Adjutant General's Department
Office of Emergency Management Agency
2825 West Granville Road
Columbus, Ohio 43235-2712



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

TOLEDO EDISON COMPANY

CENTERIOR SERVICE 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. 175
License No. NPF-3

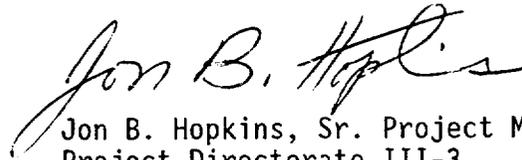
1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by the Toledo Edison Company, Centerior Service Company, and the Cleveland Electric Illuminating Company (the licensees) dated March 1, 1991, complies with the standards and requirements of the Atomic 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:

(a) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No.175 , 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 90 days after issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



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

Attachment:
Changes to the Technical
Specifications

Date of issuance: November 23, 1992

ATTACHMENT TO LICENSE AMENDMENT NO. 175

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

6-4

Insert

6-4

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	2**	1*
OL	2	1
Non-Licensed	2	1
Shift Technical Advisor	1**	None Required

- # 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.
- * Does not include the licensed Senior Reactor Operator or Senior Reactor Operator Limited to Fuel Handling supervising CORE ALTERATIONS.
- ** One of the two required individuals filling the SOL positions may also assume the STA function provided the individual meets the qualifications for the combined SRO/STA position specified for Option 1 of the Commission's Policy Statement on Engineering Expertise on Shift. If this option is used for a shift, then the separate STA position may be eliminated for that shift.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 175 TO FACILITY OPERATING LICENSE NO. NPF-3
TOLEDO EDISON COMPANY
CENTERIOR SERVICE 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 March 1, 1991, the Toledo Edison Company (the licensee) requested changes to Technical Specification (TS) 6.2.2, Facility Staff, which would add a footnote to Table 6.2-1, Minimum Shift Crew Composition. The footnote would allow one of the two required individuals filling the Senior Operator License (SOL) position to assume the Shift Technical Advisor (STA) function, provided the individual meets the qualifications for the combined Senior Reactor Operator (SRO)/STA position. The footnote would also allow the dedicated STA position to be retained. This request is consistent with the NRC guidance provided in Generic Letter (GL) 86-04, dated February 13, 1986, Policy Statement on Engineering Expertise on Shift. GL 86-04 specified the requirements for providing engineering expertise on shift relating to NUREG-0737, Clarification of TMI Action Plan Requirements, Task Action Plan I.A.1.1.

2.0 EVALUATION

The proposed change is consistent with the guidance in GL 86-04, which allows one of the two positions of SRO, and the position of STA, to be filled by a single individual. This guidance specified two options for meeting the requirements for providing engineering expertise on shift for NUREG-0737, Task Action Plan I.A.1.1, and meeting licensed operator staffing requirements, 10 CFR 50.54(m)(2) of the required STA position. Option 1 provides for the elimination of the separate STA position by allowing a licensee to combine one of the required SRO positions with the STA position into an SRO/STA position. Option 2 allows the licensee to continue to use an NRC-approved STA program while meeting licensed operator staffing requirements. The proposed change to TS 6.2.2 revises Table 6.2-1 to allow the licensee to utilize either option in meeting the minimum shift crew composition requirements. This proposed TS change is similar to that approved by the NRC in Amendment No. 64 to the Grand Gulf Nuclear Station, Unit 1, dated September 28, 1989.

9212070090 921123
PDR ADDCK 05000346
P PDR

The function of the TS requirements for a minimum shift crew composition is to ensure that a sufficient number of trained and qualified personnel are available on each duty shift to operate the station in a safe manner. The function of the STA is to provide on-shift engineering and accident assessment advice to the shift supervisor in the event of abnormal or accident conditions.

The STA requirement was identified to licensees in NUREG-0578, TMI-2 Lessons Learned Task Force Status Report and Short-Term Recommendations, (July 1979) and NUREG-0737 (November 1980), Clarification of TMI Action Plan Requirements. Concurrently, the NRC and industry undertook a longer term effort to upgrade staffing levels and the training and qualifications of the operating staffs, improving the man-machine interface, and increasing the capabilities for responding to emergencies. At the time the STA requirement was imposed, it was intended that the use of the dedicated STA would be an interim measure only until these longer term efforts were completed. These longer term efforts have collectively resulted in an improvement in the capabilities and qualifications of the shift crew and their ability to diagnose and respond to accidents. These initiatives include shift staffing increases, training and qualification program improvements, hardware modifications, emphasis on human factor considerations, procedural upgrades, and the development of extensive emergency response organizations to augment on-shift capabilities during abnormal conditions.

The proposed TS change will allow either option of the NRC's "Policy Statement on Engineering Expertise on Shift" (GL 86-04) to be applied to the STA position. The proposed change will allow one of the two required individuals filling the SRO position to also fill the STA position provided the individual meets the qualifications for the combined SRO/STA position specified for Option 1 of the policy statement. In addition, the option for continued use of the dedicated STA position is retained. Allowance is provided in the proposed change for using either option on each shift.

The licensee's training program is accredited by the Institute of Nuclear Power Operations (INPO). The training an individual will receive to become a dual-role SRO/STA will meet the STA training criteria of NUREG-0737, Item 1.A.1.1. Therefore, the Option 1 training qualification will be fulfilled by the individual performing the dual-role SRO/STA function allowed by this proposed TS revision. In addition, one of the educational alternatives of the policy statement will be met by an individual performing the SRO/STA function. In a telecon on November 4, 1992, the licensee clarified that implementation of the proposed change will not overtask either the dual-role SRO/STA or other control room personnel.

With the proposed change, the licensee's operating shift personnel will continue to have the expertise on shift to recognize and effectively deal with plant transients or other abnormal conditions. Greater flexibility for meeting shift manning requirements will also result from the proposed change.

The proposed amendment does not involve any modifications or changes in the plant and does not affect any system functional requirements, operability requirements, or plant maintenance. The staff has reviewed the proposed change to TS 6.2.2 and finds it to be acceptable.

3.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Ohio State official was notified of the proposed issuance of the amendment. The State official had no comments.

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, (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: J. Lombardo

Date: November 23, 1992