

February 17, 1983

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Mr. Richard P. Crouse
Vice President, Nuclear
Toledo Edison Company
Edison Plaza - Stop 712
300 Madison Avenue
Toledo, Ohio 43652

Dear Mr. Crouse:

SUBJECT: AMENDMENT NO. 53 TO FACILITY OPERATING LICENSE NO. NPF-3

The Commission has issued the enclosed Amendment No. 53 to Facility Operating License No. NPF-3 for the Davis-Besse Nuclear Power Station, Unit No. 1. The amendment consists of changes to the Appendix A Technical Specifications (TSs) in response to your application dated January 18, 1982 (No. 767) and supplemented by letter dated October 28, 1982 (No. 871).

This amendment modifies Table 3.7-3 to delete safety related snubber 33A-GCB-4-H5 which has been replaced by a sway strut.

Copies of the Safety Evaluation supporting this amendment and the Notice of Issuance are also enclosed.

Sincerely,

Original signed by

Albert W. De Agazio, Project Manager
Operating Reactors Branch #4
Division of Licensing

Enclosures:

1. Amendment No. 53
2. Safety Evaluation
3. Notice

cc w/enclosures:
See next page

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SURNAME	RIngram	ADe Agazio	JStoia	GLaunas	M. KARMA		
DATE	1/15/83	1/21/83:cb	1/24/83	1/1/83	1/27/83		



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555
February 17, 1983

DISTRIBUTION
Docket File
ORB#4 Rdg
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Docket No. 50-346

Docketing and Service Section
Office of the Secretary of the Commission

SUBJECT: DAVIS-BESSE NUCLEAR POWER STATION, UNIT NO. 1

Two signed originals of the Federal Register Notice identified below are enclosed for your transmittal to the Office of the Federal Register for publication. Additional conformed copies (12) 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 Availability of Applicant's Environmental Report.
- ☐ Notice of Proposed Issuance of Amendment to Facility Operating License.
- ☐ 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).
- ☒ Notice of Issuance of Facility Operating License(s) or Amendment(s).
- ☒ Other: Amendment No. 53.

Referenced documents have been provided PDR.

Division of Licensing, ORB#4
Office of Nuclear Reactor Regulation

Enclosure:
As Stated

OFFICE →	ORB#4:DL					
SURNAME →	RIngram:cf					
DATE →	2/24/83					

Toledo Edison Company

cc w/enclosure(s):

Mr. Donald H. Hauser, Esq.
The Cleveland Electric
Illuminating Company
P. O. Box 5000
Cleveland, Ohio 44101

Gerald Charnoff, Esq.
Shaw, Pittman, Potts
and Trowbridge
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Fuller & Henry
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Toledo, Ohio 43603

Mr. Robert B. Borsum
Babcock & Wilcox
Nuclear Power Generation Division
7910 Woodmont Avenue, Suite 220
Bethesda, Maryland 20814

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

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

Harold Kahn, Staff Scientist
Power Siting Commission
361 East Broad Street
Columbus, Ohio 43216

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

Mr. Larry D. Young
Manager, Nuclear Licensing
Toledo Edison Company
Edison Plaza
300 Madison Avenue
Toledo, Ohio 43652

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

Regional Radiation Representative
EPA Region V
230 South Dearborn Street
Chicago, Illinois 60604

Ohio Department of Health
ATTN: Radiological Health
Program Director
P. O. Box 118
Columbus, Ohio 43216



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

THE 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. 53
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 January 18, 1982, as supplemented October 28, 1982, 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, Facility Operating License No. NPF-3 is hereby amended as indicated below and by changes to the Technical Specifications as indicated in the attachment to this license amendment:

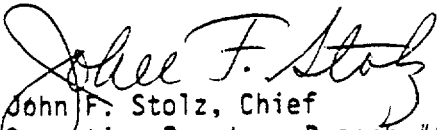
Revise paragraph 2.C.(2). to read as follows:

Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 53, 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 the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION


John F. Stolz, Chief
Operating Reactors Branch #4
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: February 17, 1983

ATTACHMENT TO LICENSE AMENDMENT NO.53

FACILITY OPERATING LICENSE NO. NPF-3

DOCKET NO. 50-346

Replace the following page of the Appendix "A" Technical Specifications with the enclosed page as indicated. The revised page is identified by Amendment number and contains a vertical line indicating the area of change. The corresponding overleaf page is also provided to maintain document completeness.

Page

3/4 7-23

TABLE 3.7-3 (Continued)

SAFETY RELATED HYDRAULIC SNUBBERS*

<u>SNUBBER NO.</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
34-HCB-4-H34	Containment, 643'	I	Yes	No
34-HCB-4-H34	Containment, 643'	I	Yes	No
<u>DECAY HEAT REMOVAL SYSTEM</u>				
33C-CCA-4-H2	Containment, 567'	A	Yes	No
33C-CCA-4-H3	Containment, 567'	A	Yes	No
33C-CCA-4-H7	Containment, 560'	A	Yes	No
33C-CCA-4-H10	Containment, 560'	A	Yes	No
33C-CCA-4-H11	Containment, 567'	A	Yes	No
33C-GCB-7-H3	Auxiliary Building, 568'	A	No	No
33C-GCB-7-H4	Auxiliary Building, 566'	A	No	No
33C-GCB-7-H6	Auxiliary Building, 566'	A	No	No
33C-GCB-7-H7	Auxiliary Building, 557'	A	No	No
33C-HCB-24-H5A	Auxiliary Building, 569'	A	No	No
<u>EMERGENCY CORE COOLING SYSTEM</u>				
33A-GCB-8-H3	Auxiliary Building, 553'	A	No	No
33A-GCB-8-H4	Auxiliary Building, 553'	A	No	No
33A-GCB-8-H10	Auxiliary Building, 556'3"	A	No	No
33A-HCB-2-H21	Auxiliary Building, 552'9"	A	No	No
33B-HCB-1-H3	Auxiliary Building, 557'	A	No	No
33B-HCB-1-H4	Auxiliary Building, 556'9"	A	No	No

TABLE 3.7-3 (Continued)
SAFETY RELATED HYDRAULIC SNUBBERS*

<u>SNUBBER NO.</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
<u>EMERGENCY DIESEL GENERATOR SYSTEM</u>				
47-HBD-358-H3	Auxiliary Building, 607'	I	No	No
47-HBD-358-H6	Auxiliary Building, 607'	I	No	No
47-HBD-359-H2	Auxiliary Building, 607'	I	No	No
47-HBD-359-H10	Auxiliary Building, 607'	I	No	No
<u>HIGH PRESSURE INJECTION SYSTEM</u>				
33C-CCB-2-H47	Containment, 568'	A	Yes	No
<u>LOW PRESSURE INJECTION/CORE FLOOD SYSTEM</u>				
33B-CCA-6-H1	Containment, 561'	A	Yes	No
33B-CCA-6-H5	Containment, 561'	A	Yes	No
33B-CCA-6-H5	Containment, 561'	A	Yes	No
33B-CCA-6-H6	Containment, 565'	A	Yes	No
33B-CCB-5-H1	Containment, 566'	A	Yes	No
33B-CCB-5-H3	Containment, 566'	A	Yes	No
33B-CCB-5-H4	Containment, 566'	A	Yes	No
33B-CCB-5-H6	Containment, 566'	A	Yes	No
33B-CCB-6-H2	Containment, 566'	A	Yes	No
33B-CCB-6-H4	Containment, 566'	A	Yes	No
33B-CCB-6-H5	Containment, 566'	A	Yes	No
33B-CCB-6-H8	Containment, 580'	I	Yes	No



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
SUPPORTING AMENDMENT NO. 53 TO FACILITY OPERATING LICENSE NO. NPF-3

TOLEDO EDISON COMPANY

AND

CLEVELAND ELECTRIC ILLUMINATING COMPANY

DAVIS-BESSE NUCLEAR POWER STATION, UNIT 1

DOCKET NO. 50-346

Introduction

By letter dated January 18, 1982, Toledo Edison Company (the licensee) proposed an amendment to Facility Operating License No. NPF-3. The subject change involves Table 3.7-3 of the Technical Specifications for Davis-Besse. The licensee has proposed to delete safety-related snubber 33A-GCB-4-H5 from the table.

Discussion

There are basically two types of piping seismic restraints. Rigid restraints are normally used; however, for piping systems that have excessive thermal displacements, snubbers are applied to permit essentially free piping movement and to assure lock up during a seismic or other dynamic transient event.

Evaluation

The licensee's proposed replacement of snubber 33A-GCB-4-H5, listed in Table 3.7-3 of the Technical Specifications, was as a result of the IE Bulletin 79-14 reevaluation of the seismic analysis for safety-related piping. The NRC Region III evaluation of the licensee's IE Bulletin 79-14 program found no significant deficiencies. The replacement of a snubber with a rigid restraint is considered to be technically sound since the rigid restraint has structural stiffness equal to or better than the snubber and requires little or no operational maintenance. The licensee has confirmed, by letter dated October 28, 1982 (No. 871), that the evaluations supporting replacement of the snubber with a sway strut and computer codes used in the analysis conform to the original design criteria.

Environmental Consideration

We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR 51.5(d)(4), that an environmental impact statement, or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of an accident previously evaluated, does not create the possibility of an accident of a type different from any evaluated previously, and does not involve a significant reduction in a margin of safety, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) 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.

Dated February 17, 1983

The following NRC personnel have contributed to this Safety Evaluation:

K. R. Ridgway
T. N. Tambling
I. T. Yin

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-346THE TOLEDO EDISON COMPANYANDTHE CLEVELAND ELECTRIC ILLUMINATING COMPANYNOTICE OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 53 to Facility Operating License No. NPF-3, issued to The Toledo Edison Company and The Cleveland Electric Illuminating Company (the licensees), which revised Technical Specifications for operation of the Davis-Besse Nuclear Power Station, Unit No. 1 (the facility) located in Ottawa County, Ohio. The amendment is effective as of its date of issuance.

This amendment modifies Table 3.7-3 to delete safety related snubber 33A-GCB-4-H5 which has been replaced by a sway strut.

The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.


The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

- 2 -

For further information with respect to this action, see (1) the application for amendment dated January 18, 1982, as supplemented October 28, 1982, (2) Amendment No. 53 to License No. NPF-3, and (3) the Commission's related Safety Evaluation. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, NW, Washington, DC, and at the University of Toledo Library, Documents Department, 2801 West Bancroft Avenue, Toledo, Ohio. A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this 17th day of February 1983.

FOR THE NUCLEAR REGULATORY COMMISSION


John F. Stolz, Chief
Operating Reactors Branch #4
Division of Licensing