

November 23, 1982

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Docket No. 50-346

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

OELD
AEOD
IE-2
ACRS-10
TBarnhart-4
LSchneider
OGC
OPA
DBrinkman
RDiggs
ASLAB

Dear Mr. Crouse:

SUBJECT: AMENDMENT NO. 49 TO FACILITY OPERATING LICENSE NO. NPF-3

The Commission has issued the enclosed Amendment No. 49 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 (TSs) in response to your application dated July 30, 1982 (No. 842) and August 3, 1982 (No. 844). This amendment modifies Table 3.7-3, Safety Related Hydraulic Snubbers.

Copies of the Safety Evaluation and 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. 49
- 2. Safety Evaluation
- 3. Notice

cc w/enclosures:
See next page

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PDR ADDCK 05000346
PDR

Concurrence license amendment + Tech Reg. notice.

OFFICE	ORB#4:DL	ORB#4:DL	C-ORB#4:DL	AD OR DL	OELD	
SURNAME	RIngram	Ade Agazio	JSatz	Glains	m. Rothschild	
DATE	9/2/82	9/7/82	9/7/82	9/10/82	11/19/82	



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555
November 23, 1982

DISTRIBUTION
Docket File
ORB#4 Rdg
RIngram

Docket No. 50-346

Docketing and Service Section
Office of the Secretary of the Commission

SUBJECT: DAVIS-BESSE NUCLEAR POWER STATION, UNIT 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. 49.
Referenced documents have been provided PDR.

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

Enclosure:
As Stated

OFFICE →	ORB#4:Dir					
SURNAME →	RIngram;cf					
DATE →	11/30/82					

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.
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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. Ted Myers
Manager, Nuclear Licensing
Toledo Edison Company
Edison Plaza
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Toledo, Ohio 43652

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

Mrs. Julia Baldwin, Librarian
Government Documents Collection
William Carlson Library
University of Toledo
2801 W. Bancroft Avenue
Toledo, Ohio 43606

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

cc w/enclosure(s) and incoming dtd.:
7/30/82, 8/3/82.

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. 49
License No. NPF-3

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The applications for amendment by The Toledo Edison Company and The Cleveland Electric Illuminating Company (the licensees) dated July 30, 1982, and August 3, 1982, comply 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 applications, 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:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 49, 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: November 23, 1982

ATTACHMENT TO LICENSE AMENDMENT NO. 49

FACILITY OPERATING LICENSE NO. NPF-3

DOCKET NO. 50-346

Replace the following pages of the Appendix "A" Technical Specifications with the enclosed pages as indicated. 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.

Pages

3/4 7-22

3/4 7-31

PLANT SYSTEMS

HYDRAULIC SNUBBERS (Continued)

SURVEILLANCE REQUIREMENTS (Continued)

- c. At least once per 18 months during shutdown a representative sample of at least 10 hydraulic snubbers or at least 10% of all snubbers listed in Table 3.7-3, whichever is less, shall be selected and functionally tested to verify correct piston movement, lock up and bleed. Snubbers greater than 50,000 lbs capacity may be excluded from functional testing requirements. Snubbers selected for functional testing shall be selected on a rotating basis. Snubbers identified in Table 3.7-3 as either "Especially Difficult to Remove" or in "High Radiation Zones" may be exempted from functional testing provided these snubbers were demonstrated OPERABLE during previous functional tests. Snubbers found inoperable during functional testing shall be restored to OPERABLE status prior to resuming operation. For each snubber found inoperable during these functional tests, an additional minimum of 10% of all snubbers or 10 snubbers, whichever is less, shall also be functionally tested until no more failures are found or all snubbers have been functionally tested.

TABLE 3.7-3

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>AUXILIARY FEEDWATER SYSTEM</u>				
6C-EBB-4-H9	Containment, 599'	I	Yes	No
6C-EBB-4-H11	Containment, 595'	I	Yes	No
6C-EBB-4-H11	Containment, 595'	I	Yes	No
6C-EBB-4-H14	Containment, 615'	A	Yes	No
6C-EBB-4-H15	Containment, 618'	A	Yes	No
6C-EBD-14-H4	Auxiliary Building, 593'	A	No	No
<u>COMPONENT COOLING WATER SYSTEM</u>				
36-HBC-1-H16	Auxiliary Building, 597'10"	A	No	No
36-HBC-1-H23	Auxiliary Building, 597'10"	A	No	No
36-HBC-1-H28	Auxiliary Building, 597'10"	A	No	No
36-HBC-1-H30	Auxiliary Building, 597'10"	A	No	No
36-HBC-23-H33	Auxiliary Building, 597'10"	A	No	No
<u>CONTAINMENT SPRAY SYSTEM</u>				
34-HCB-4-H27	Containment, 643'	I	Yes	No

DAVIS-BESSE, UNIT 1

3/4 7-31

Amendment No. 49

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>
30-GCC-8-H1	Containment Relief Valve Room, 638'11"	A	Yes	No
30-GCC-8-H2	Containment Relief Valve Room, 638'11"	A	Yes	No
30-GCC-8-H3	Containment Relief Valve Room, 635'4"	A	Yes	No
30-GCC-8-H4	Containment Relief Valve Room, 633'3"	I	Yes	No
30-GCC-8-H5	Containment Relief Valve Room, 633'3"	I	Yes	No
30-GCC-8-H13	Containment Relief Valve Room, 640'	A	Yes	No
30-GCC-8-H16	Containment Relief Valve Room, 640'	A	Yes	No
30-GCC-8-H13	Containment Relief Valve Room, 640'	A	Yes	No
30-GCC-8-H16	Containment Relief Valve Room, 640'	A	Yes	No

DAVIS-BESSE, UNIT 1

3/4 7-32

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>PURIFICATION/RC LETDOWN SYSTEM</u>				
31-CCA-18-H6	Containment, 570'	A	Yes	No
<u>QUENCH TANK DRAIN SYSTEM</u>				
40-HCC-45-H7	Containment, 567'	A	Yes	No
<u>REACTOR COOLANT DRAIN SYSTEM</u>				
31-CCB-16-H11	Containment, 566'	A	Yes	No
40-CCB-16-H6	Containment, 566'	A	Yes	No
<u>SERVICE WATER SYSTEM</u>				
41-HBC-36-H21	Service Water Pipe Tunnel, 571'5"	A	No	No
41-HBC-36-H22	Service Water Pipe Tunnel, 571'5"	A	No	No
47-HBD-98-H2	Auxiliary Building, 592'	A	No	No



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
SUPPORTING AMENDMENT NO. 49 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

1.0 Introduction

By letters dated July 30, 1982 (No. 842) and August 3, 1982 (No. 844), The Toledo Edison Company requested amendment to Facility Operating License No. NPF-3 for the Davis-Besse Nuclear Power Station, Unit No. 1. The amendment would modify the Technical Specifications (TSs) Table 3.7-3 to reflect the relocation and removal of certain snubbers as a result of modifications to the steam generator auxiliary feedwater (AFW) header and relocation of the pressurizer code safety valves.

2.0 Discussion and Evaluation

Hydraulic snubbers are required to ensure that the structural integrity of the reactor coolant system and other safety related systems is maintained during and following a seismic disturbance or other event which applies dynamic loads to the system. The TSs require routine inspection of these snubbers to periodically demonstrate their operable status. Snubbers installed on non-safety related systems, the failure of which would not adversely affect any safety related system, are not included in the TSs. TS Table 3.7-3 identifies the safety related snubbers.

The requirements for snubbers are determined through detailed analysis of the piping system. When system modifications are made, the piping must be reanalyzed to determine if snubbers must be relocated, added, or removed. During the 1982 refueling outage, the licensee completed certain system modifications which resulted in the removal and relocation of some safety related snubbers. By letter dated October 28, 1982 (No. 871), the licensee has indicated that the evaluations performed for certain piping system modifications and the computer codes used in the evaluations meet the original design criteria. One modification, the relocation of the pressurizer code safety valves, resulted in the replacement of the discharge pipe snubbers with sway struts. The other modification involved the installation of an external AFW header and rerouting some associated piping and supports. This rerouting resulted in the removal of two snubbers and the relocation of a third at a different location.

Based on analyses, the licensee concludes that the replacement of two snubbers with sway struts on the pressurizer relief valve discharge piping, and the removal of two snubbers and relocation of one snubber on the rerouted AFW piping and header meet the design objective. We find these changes acceptable.

3.0 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.

4.0 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: November 23, 1982

The following NRC personnel have contributed to this Safety Evaluation:
A. De Agazio.

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. 49 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 (TSs) 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.

The amendment modifies TS Table 3.7-3 to reflect the relocation and removal of certain snubbers as a result of modifications to the steam generator auxiliary feedwater header and relocation of the pressurizer code safety valves.

The applications for the amendment comply 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.

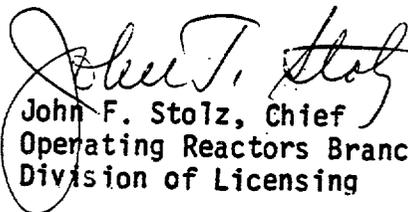
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The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §1.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

For further details with respect to this action, see (1) the applications for amendment dated July 30, 1982, and August 3, 1982, (2) Amendment No. 49 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, N.W., Washington, D.C. and at the William Carlson Library, University of Toledo, 2801 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 23rd day of November 1982.

FOR THE NUCLEAR REGULATORY COMMISSION


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