

August 15, 1989

Docket No. 50-346

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

SUBJECT: AMENDMENT NO.136 TO FACILITY OPERATING LICENSE NO. NPF-3
(TAC NO. 72816)

The Commission has issued Amendment No. 136 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 May 26, 1989 as revised by submittal dated July 10, 1989. Your staff agreed to a further modification that restricts the extension to no more than July 31, 1990 in a telephone call on August 2, 1989.

This amendment revises the restrictions on intervals between functional testing of snubbers by deleting the applicability of Specification 4.0.2b to this surveillance requirement. Specification 4.0.2b would limit the total maximum combined interval for any three consecutive tests to 3.25 times the specified interval or approximately 60 months. This change applies only to Cycle 6 operation.

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.136to
License No. NPF-3
2. Safety Evaluation

cc: See next page

[72816 AMD]

Office: LA/PDIII-3 PM/PDIII-3
Surname: PKreutzer Twambach:bw
Date: 8/3/89 8/3/89

BC/EMBB
LMarsh
8/3/89

PD/PDIII-3
JHannon
8/3/89

OGC-WF1
8/7/89

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Mr. Donald C. Shelton
Toledo Edison Company

Davis-Besse Nuclear Power Station
Unit No. 1

cc:

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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. 136
License No. NPF-3

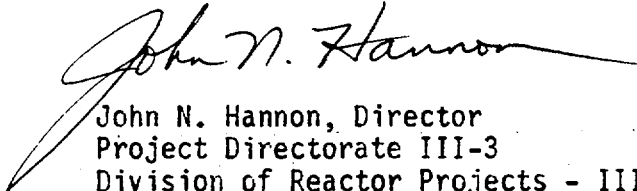
1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by the Toledo Edison Company and The Cleveland Electric Illuminating Company (the licensees) dated May 26, 1989, as revised July 10, 1989, complies with the standards and requirements of the Atomic 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:

(a) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 136, 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 29, 1989.

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: August 15, 1989

ATTACHMENT TO LICENSE AMENDMENT NO. 136

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

3/4 7-22a

Insert

3/4 7-22a

PLANT SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

4.7.7.2 Functional Test Program *

a. General Requirements

At least once per inspection interval a representative sample of each group of snubber in use in the Plant shall be functionally tested in accordance with Specifications 4.7.7.2.b and 4.7.7.2.c. Response to the failures shall be in accordance with Specification 4.7.7.2.d.

For all snubbers, functional testing shall consist of either bench testing or in-place testing.

b. Inspection Interval and Sample Criteria

The snubbers may be categorized into groups based on physical characteristics. Snubbers are divided into four (4) groups: "Accessible" - Group I and "Inaccessible" - Group II for either hydraulic or mechanical. Each group may be tested independently from the standpoint of performing additional tests if failures are discovered.

* For Cycle 6 operation, Specification 4.0.2.b is not applicable. The next functional test is 18 months after September 14, 1988 (i.e., March 14, 1990). The allowance of Specification 4.0.2.a is applicable (i.e., July 31, 1990).



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 136 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 application dated May 26, 1989, Toledo Edison Company (the licensee) requested an amendment to the Davis-Besse Nuclear Power Station, Unit No. 1 Operating License No. NPF-3 to revise the surveillance requirements in the Technical Specifications (TS) for snubbers.

2.0 DISCUSSION

The TS require 10 percent of the snubbers to be functionally tested every 18 months with an allowance of extension up to 25 percent of the interval. This means that the functional testing must be done at a maximum of 22.5 months from the previous testing. There is an additional limitation in Specification 4.0.2b that restricts the total maximum combined interval for any three consecutive tests to less than 3.25 times the specified interval or 60 months. These intervals were specified to be consistent with refueling outages since the plant must be shut down during the testing. Davis-Besse's next refueling outage is scheduled to commence February 1, 1990. However, the next snubber functional testing must be completed by September 15, 1989 because of the 3.25 restriction. This complication is not unusual at nuclear plants because of the increasing design length of fuel operating cycles and the length of outages for refueling, maintenance and modifications. In these cases, a one-time change to the Technical Specifications is granted to allow an extension (usually from one to a few months) until the next scheduled plant outage. The licensee proposed a permanent change to allow extensions up to 12 months; i.e., a total interval of 30 months, with compensation provided by increasing the number of snubbers to be tested in direct proportion to the amount of extension past 18 months.

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3.0 EVALUATION

The NRC staff informed the licensee that an ANSI standard for examination and testing of snubbers is in the final stages of development. The NRC staff is represented on the responsible subcommittee with the intent of endorsing this standard for industry-wide use. Therefore, the staff recommended that the licensee accept a one-time extension of this surveillance interval at this time and consider incorporating the requirements of the ANSI standard after it is issued. By letter dated July 10, 1989, the licensee proposed limiting the TS change to a one-time application during this cycle of operation. However, the extension requested was for a maximum of 30 months, even though the testing is presently scheduled after an interval of only 18 months. By telephone call on August 2, 1989, the licensee agreed to a further limitation to retain the 18-month requirement with the 1.25 multiplier of Specification 4.0.2a remaining applicable. Thus, the extension only affects the 3.25 limitation for three consecutive intervals. Since the last tests were completed September 14, 1988, the next tests would be required by March 14, 1990, six weeks after the sixth refueling outage is scheduled to commence. Specification 4.0.2a would allow the testing to be delayed an additional 4.5 months to July 31, 1990 for any unforeseen delays in commencing the refueling outage.

Since this will avoid an unnecessary transient in shutting down solely for the performance of this surveillance, the NRC staff finds that this benefit outweighs the need to complete the third interval of testing within the 3.25 limitation and finds this one-time change acceptable.

4.0 ENVIRONMENTAL CONSIDERATION

This amendment involves a change to a surveillance requirement. The staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types of any effluents that may be released offsite and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that this amendment involves no significant hazards consideration, and there has been no public comment on such finding. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). Pursuant to 10 CFR 51.22(b), no environmental impact statement nor environmental assessment need be prepared in connection with the issuance of this 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 Contributor: Thomas V. Wambach

Dated: August 15, 1989