

JUL 21 1977

Docket No. 50-346

Toledo Edison Company  
ATTN: Mr. Lowell E. Roe  
Vice President, Facilities  
Development  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

Gentlemen:

SUBJECT: ISSUANCE OF AMENDMENT NO. 5 TO FACILITY OPERATING LICENSE  
NO. NPF-3 FOR DAVIS-BESSE NUCLEAR POWER STATION, UNIT NO. 1

We have been informed by the Office of Inspection and Enforcement that they find your installation of a second oxygen monitor in the gaseous radwaste system which now provides redundant oxygen monitors that will alarm locally and in the control room at the specified set points is in accordance with the stipulations of Paragraph 2.C.(3)(c) of Facility Operating License No. NPF-3.

Therefore, the Nuclear Regulatory Commission has issued the enclosed Amendment No. 5 to Facility Operating License No. NPF-3 which is effective as of the date of issuance, and revises the Facility Operating License by deleting the licensing condition stated in paragraph 2.C.(3)(c).

We have determined that Amendment No. 5 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 Section 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.

Copies of the Federal Register Notice of Issuance of Amendment No. 5 and the Safety Evaluation Supporting Amendment No. 5 to License No. NPF-3 are also enclosed.

Sincerely,

Original Signed by

John F. Stolz, Chief  
Light Water Reactors Branch No. 1  
Division of Reactor Management

*60*

OFFICE ➤		LWR 1	LWR 1	LWR 1	LWR 1
SURNAME ➤	Enclosures: See page 2/	Edison/red	LEngle	GAF	JSto
DATE ➤		7/20/77	7/19/77	7/21/77	7/20/77

Toledo Edison Company

- 2 -

JUL 21 1977

Enclosures:

1. Amendment No. 5 to License  
No. NPF-3
2. Federal Register Notice
3. Safety Evaluation Supporting  
Amendment No. 5 to License  
No. NPF-3

cc w/enclosures:

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  
1800 M Street, N. W.  
Washington, D. C. 20036

Leslie Henry, Esq.  
Fuller, Seney, Henry and Hodge  
300 Madison Avenue  
Toledo, Ohio 43604

Mr. Harry R. Johnson  
Ottawa County Courthouse  
Port Clinton, Ohio 43452

Ohio Department of Health  
ATTN: Director of Health  
450 East Town Street  
Columbus, Ohio 43216

Atomic Energy Control Board  
P. O. Box 1046  
Ottawa Ontario, Canada

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

Mr. Bruce Blanchard  
Environmental Projects Review  
Department of the Interior  
Room 5321  
18th and C Street, N. W.  
Washington, D. C. 20240

OFFICE >						
SURNAME >						
DATE >						

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. 5  
License No. NPF-3

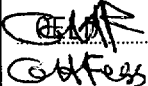
1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - B. There is reasonable assurance (i) that the activities authorized by this amendment 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;
  - C. 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
  - D. 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 deleting the license condition stated in paragraph 2.C.(3)(c) of Facility Operating License No. NPF-3.
3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Original Signed by

John F. Stolz, Chief  
Light Water Reactors Branch No. 1  
Division of Project Management

Date of Issuance: **JUL 21 1977**

OFFICE ➤	LWR 1	LWR 1		LWR 1		
SURNAME ➤	EGGston/red	LEngd	GAFess	JFStolz		
DATE ➤	7/20/77	7/19/77	7/20/77	7/19/77		

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-346

THE TOLEDO EDISON COMPANY

AND

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

DAVIS-BESSE NUCLEAR POWER STATION, UNIT NO. 1

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY

OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 5 to Facility Operating License No. NPF-3, issued to the Toledo Edison Company and the Cleveland Electric Illuminating Company, 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 removes a condition which stipulated the amount of time allowed from date of issuance of the operating license for completing the installation of the gaseous radwaste treatment system oxygen monitors.

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.

OFFICE➤						
SURNAME➤						
DATE➤						

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 issuance of this amendment.

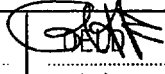
For further details with respect to this action, see (1) Amendment No. 5 to License No. NPF-3, and (2) the Commission's related Safety Evaluation supporting Amendment No. 5 to License No. NPF-3. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. and at the Ida Rupp Public Library, 310 Madison Street, Port Clinton, Ohio 43452. A copy of items 1 and 2 may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Project Management.

Dated at Bethesda, Maryland, this 21 day of JUL 1977.

FOR THE NUCLEAR REGULATORY COMMISSION

Original Signed by

John F. Stolz, Chief  
Light Water Reactors Branch No. 1  
Division of Project Management

OFFICE >	LWR 1	LWR 1		LWR 1		
SURNAME >	EGGston/red	Engle	Stolz	JStolz		
DATE >	7/20/77	7/19/77	7/21/77	7/19/77		

**JUL 21 1977**

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 5 TO LICENSE NO. NPF-3

TOLEDO EDISON COMPANY

AND

CLEVELAND ELECTRIC ILLUMINATING COMPANY

DAVIS-BESSE NUCLEAR POWER STATION, UNIT 1

DOCKET NO. 50-346

INTRODUCTION

Paragraph 2.C.(3)(c) of facility operating license No. NPF-3 for the Davis-Besse Nuclear Power Station, Unit No. 1, issued on April 22, 1977, stipulates as a condition to the license that:

"Within three (3) months of the date of issuance of this license, Toledo Edison Company shall have installed a second oxygen monitor in the gaseous waste system to provide redundant oxygen monitors that will alarm locally and in the control room at the set points of two percent and four percent by volume of oxygen, respectively."

DISCUSSION

In our review and evaluation of the Final Safety Analysis Report for Davis-Besse, Unit 1, we determined that the design of the gaseous radwaste treatment system was unacceptable regarding the monitoring of potentially explosive mixtures of hydrogen and oxygen. By letters dated October 29, 1977 and November 5, 1977, we informed the Toledo Edison Company that it was our position that the gaseous radwaste treatment system must be provided with a second oxygen monitor to provide redundant oxygen monitors for the system and that these monitors would be required to alarm locally and in the control room at the set points of two percent and four percent by volume of oxygen. Also, upon alarm of either or both monitors, immediate action was to be taken to reduce the oxygen concentration in the gaseous radwaste system to safe levels.

EVALUATION

On November 23, 1976, the Toledo Edison Company submitted Amendment No. 39 consisting of Revision No. 23 to the Final Safety Analysis Report. Revision No. 23 included proposed modifications in the gaseous radwaste treatment system. The proposed modifications represented a commitment on behalf of the Toledo Edison Company to meet our position as stated in our letter of November 5, 1977 regarding these matters. Also, the Toledo Edison Company stated that the proposed modifications would be installed and operational by June 1977.

JUL 21 1977

- 2 -

As stated in Section 11.3 of our Safety Evaluation Report, we reviewed the proposed modified gaseous radwaste system, and we found it to be acceptable. Also, we reaffirm our conclusions as stated in our Safety Evaluation Report, that we find the modified gaseous radwaste treatment system to be in conformance with 10 CFR Part 20 for effluent releases and, therefore, acceptable.

On June 24, 1977, the Toledo Edison Company informed us that the modified system had been installed and completed and was in conformance with the conditions of Paragraph 2.C.(3)(c). On the same day we requested that the Office of Inspection and Enforcement verify that the modified gaseous radwaste treatment system had been installed to the conditions specified in Paragraph 2.C.(3)(c).

By letter dated July 7, 1977, the Office of Inspection and Enforcement informed us that the second oxygen monitor had been installed and set in accordance to Paragraph 2.C.(3)(c).

Based upon our conclusions as stated in our Safety Evaluation Report and upon the installation of the modified gaseous radwaste treatment system by the Toledo Edison Company, which has been verified by the Office of Inspection and Enforcement to be in accordance with the stipulations of Paragraph 2.C.(3)(c), we find that the condition stipulated in Paragraph 2.C.(3)(c) is no longer necessary. Therefore, we conclude that facility operating license, No. NPF-3 can be amended by removing the license condition as stated in Paragraph 2.C.(3)(c).

#### 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 §1.5(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 accidents previously considered or a significant decrease in any safety margin, it 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. Also, we reaffirm our conclusions as otherwise stated in our Safety Evaluation Report.



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

DISTRIBUTION:

Docket  
LWR #1 Rdg  
EGHylton (2)  
LEngle

Docket No. 50-346

AUG 02 1977

Docketing and Service Section  
Office of the Secretary of the Commission

SUBJECT: NOTICE OF ISSUANCE OF AMENDMENT NO. 1 TO DAVIS-BESSE UNIT NO. 1  
OPERATING LICENSE NO. NPF-3

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 ( 15 ) 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(~~and~~ Amendment~~s~~)
- ☐ Other: \_\_\_\_\_

P.S. A copy is enclosed for the NRC PDR.


Enclosure:  
As Stated

Office of Nuclear Reactor Regulation

OFFICE →	LWR #1					
SURNAME →	EGHylton					
DATE →	7/21/77					



DISTRIBUTION FOR DAVIS-BESSE, UNIT NO. 1 AMENDMENT NO. 5 TO OPERATING  
LICENSE NO. NPF-3 DATED **JUL 21 1977**

Docket File   
NRC PDR  
Local PDR  
LWR #1 Reading  
GFess, OELD  
RCDeYoung  
DBVassallo  
JFStolz  
LEngle  
FJWilliams  
HSmith  
BScott  
IE (5)  
NDube  
BJones (4)  
WMiller, ADM  
ACRS (16)  
VAMoore, DSE  
HDenton, DSE  
RHVollmer, DSE  
MLErnst, DSE  
WPGammill, DSE  
RHeineman, SS  
JKnight, SS  
DFRoss, SS  
RLTedesco, SS  
BScharf, ADM (16)  
DSkovholt  
AToalston, AIG  
IDinitz, AIG  
EHughes  
PCota, EP  
Marie Slater, EP  
HBristow, NMSS  
SDuncan, NMSS  
VStello  
KGoller  
JMcGough  
DEisenhut  
WPasciak (Appendix B only)  
EGHylton (5)  
PWagner, OR  
CParrish, OR  
GLear

bcc: JRBuchanan, NSIC  
TBAbernathy, TIC  
ARosenthal, ASLAB  
JYore, ASLBP