



**CENTERIOR
ENERGY**

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Docket Number 50-346

License Number NPF-3

Serial Number 2098

October 29, 1992

United States Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Subject: Revision 17 to the Davis-Besse Unit 1 Updated Safety Analysis
Report (USAR)

Gentlemen:

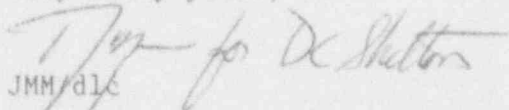
The Toledo Edison Company is submitting, pursuant to 10 CFR 50.71, one (1) original plus ten (10) copies of Revision 17 to the USAR for the Davis-Besse Nuclear Power Station, (DBNPS) Unit 1.

Revision 17 to the USAR is an interim submittal, the purpose of which is limited to the updating of the DBNPS Fire Hazards Analysis Report (FHAR) which is incorporated by reference into USAR Section 9.5.1, Fire Protection Systems. As committed in Revision 16 to the USAR, Serial 2069, this update of the fire protection program (USAR 9.5.1 and FHAR) would be provided by November 1, 1992.

This interim update transmits Revision 13 of the FHAR to the NRC. The update reflects facility changes implemented between November 1, 1991 and May 1, 1992, to USAR Section 9.5.1 and the FHAR. A summary of the major changes made to the FHAR can be found in Attachment 1.

Information contained in Revision 17 to the USAR is accurate to May 1, 1992. Please insert the revision material, dated November 1992, into the USAR and the FHAR per the attached instructions (Attachment 2).

Very truly yours,


JMM/dlc

attachments

cc: A. B. Davis, Regional Administrator, NRC Region III
J. B. Hopkins, NRC Senior Project Manager
S. Stasek, DB-1 NRC Senior Resident Inspector
Utility Radiological Safety Board

Operating Companies:
Cleveland Electric Illuminating
Toledo Edison

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SUMMARY OF FHAR REVISION 13 MAJOR CHANGES

Section 1 Added definitions as part of the relocation of the Fire Protection requirements in the Technical Specifications to the Safety Analysis Report.

Section 2 Added references.

Section 3 Deleted discussion of communications since this is now discussed in Section 6.

Section 4 Added a description and documented the fire hazard analysis of the Wet Wash Facility which was constructed prior to the seventh refueling outage.

Updated fire areas to accurately reflect rooms with suppression and detection.

Revised text to reflect the completion of Appendix R modifications.

Revised Section 4 to correct inconsistencies that existed between the FHAR and the Safe Shutdown Procedure.

As a result of an Audit Finding, Section 4 was clarified for certain non-rated openings.

Added a paragraph explaining the de-rating of FD-1101 and its associated penetration.

Revised Tables to show modification which provided for electrical isolation in certain Service Water and Component Cooling Water circuits in Fire Area R.

Revised Section 4 to reflect the modification which installed source range flux monitoring in Room 402.

Revised Tables to indicate cable routing changes that occurred as a result of the control room console panel changes in the Control Room.

Revised the combustible loadings to reflect a more recent calculation.

Section 6 Added a discussion of the communication systems and a summary of the radio system study.

Section 8 Added Section 8, Operating Specifications. This was done in accordance with Generic Letter 86-10 with the relocation of the Fire Protection requirements in the Technical Specifications to the Safety Analysis Report.

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Enclosure
Page 1

SUBMITTAL OF REVISION 17
TO
THE DAVIS-BESSE UPDATED SAFETY ANALYSIS REPORT (USAR)
FOR
DAVIS-BESSE NUCLEAR POWER STATION
UNIT NO. 1

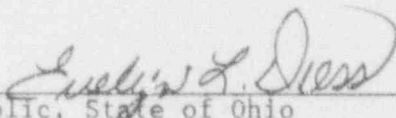
Enclosed are the original and 10 copies of Revision 17 to the
Davis-Besse Nuclear Power Station, Unit No. 1, Updated Safety Analysis
Report.

For: D. C. Shelton, Vice-President - Nuclear

By:


T. J. Myers, Director - Technical Services

Sworn and subscribed before me this 29th day of October, 1992.


Notary Public, State of Ohio

EVELYN L. DRESS
NOTARY PUBLIC, STATE OF OHIO
My Commission Expires July 28, 1994

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Attachment 1
Page 2

Section 9	Added Section 9- Fire Protection Safety Analysis, to incorporate the description of USAR Section 9.5.1. Change in fire detectors from Alison type to Pyrotronics type in fire zone FDZ-317.
Appendix B	Revised cables and raceways to reflect the modifications discussed in Section 4 above.
Appendix C	Revised Table to reflect modification which abandoned the chlorine detection system. Revised Table to reflect modification that added a circuit to YBU. Added and deleted cables from the Tables to reflect as-built condition.
Appendix E	Deleted the fire area delineation drawings since they duplicated other controlled drawings.
Various	Numerous editorial and clarifications were made to various Sections.

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Attachment 3
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INSTRUCTIONS FOR REPLACEMENT PAGES

Replace the following pages of the Davis-Besse Nuclear Power Station Unit Number 1 USAR and FHAR with the attached pages. The revised pages are identified by Revision number. The corresponding overleaf pages are also provided to maintain document completeness.

USAR

Remove

a
b
bo
bp
9.5-1
9.5-1a

Insert

a
b
bo
bp
9.5-1
9.5-1a

FHAR

Remove

Insert

Remove FHAR Revision 12 in its entirety and insert Revision 13