



300 Madison Avenue
Toledo, OH 43652-0001
419-249-2300

Louis F. Storz
Vice President - Nuclear
Davis-Besse

Docket Number 50-346

License Number NPF-3

Serial Number 2139

August 30, 1993

United States Nuclear Regulatory Commission
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Subject: License Amendment Application to Revise Technical
Specification 3/4.6.4.3, Containment Hydrogen Dilution
System, and Associated Bases

Gentlemen:

Enclosed is an application for an amendment to the Davis-Besse Nuclear Power Station (DBNPS), Unit Number 1 Operating License Number NPF-3, Appendix A, Technical Specifications to reflect the changes attached. The proposed changes involve Technical Specification (TS) 3/4.6.4.3, Containment Hydrogen Dilution (CHD) System, and associated TS Bases 3/4.6.4, Combustible Gas Control.

This application completely supercedes the application previously submitted on December 21, 1992 (Serial Number 2071). Recent changes to the DBNPS Updated Safety Analysis Report (USAR), due to a revision of the post-LOCA hydrogen generation analysis, affected the Safety Assessment and Significant Hazards Consideration (SASHC) included with the previous application. The present application includes a revised SASHC, however, the proposed changes to TS 3/4.6.4.3 and TS Bases 3/4.6.4 remain the same.

This application proposes adding an additional Action statement which would apply when both containment hydrogen dilution systems are inoperable and allow 72 hours to return one of the two inoperable containment hydrogen dilution systems to operable status or be in at least Hot Standby within the next six hours. Presently, if both containment hydrogen dilution systems were to become inoperable, TS 3.0.3 would be entered which requires action to be initiated within one hour to place the plant in a Mode in which the specification does not apply, i.e., Mode 3 (Hot Standby).

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Operating Companies:
Cleveland Electric Illuminating
Toledo Edison

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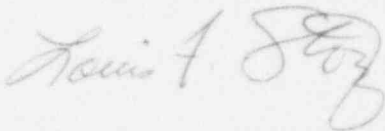
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This proposed Technical Specification change is acceptable because ample time would be provided to either restore at least one containment hydrogen dilution system to functionality (depending on the location and nature of the cause for inoperability), or to install an external hydrogen recombination system, which under the DBNPS design provides another alternate means of combustible gas control. Related changes are proposed to Bases 3/4.6.4, clarifying the discussion of the containment hydrogen purge system and adding a discussion of the hydrogen recombination system.

This proposed change is plant-specific and does not constitute a generic change to the existing Revision 4 to the Babcock and Wilcox Standard Technical Specifications (NUREG-0103) because a containment hydrogen dilution system Technical Specification is not included in NUREG-0103. A containment hydrogen dilution system Technical Specification is also not included in the Babcock and Wilcox Revised Standard Technical Specifications (NUREG-1430).

Toledo Edison requests that this amendment be issued by the NRC by March 1, 1994, thereby revising a Limiting Condition for Operation which could cause an unwarranted shutdown of the plant. Should further information be required, please contact Mr. William T. O'Connor, Manager - Regulatory Affairs, at (419) 249-2366.

Very truly yours,



MKL/dlc

Enclosure

cc: J. B. Hopkins, NRC/NRR DB-1 Senior Project Manager
J. B. Martin, Regional Administrator, NRC Region III
S. Stasek, DB-1 NRC Senior Resident Inspector
J. R. Williams, Chief of Staff, Ohio Emergency Management Agency,
State of Ohio (NRC Liaison)
Utility Radiological Safety Board