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Docket Number 50-346

License Number NPF-3

Serial Number 2612

November 2, 1999

United States Nuclear Regulatory Commission  
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Subject: License Amendment Application to Revise Technical Specifications and Associated Bases Regarding Safety Features Actuation System Instrumentation and Borated Water Storage Tank Available Volume  
(License Amendment Request No. 97-0011; TAC No. MA 6968)

Ladies and 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. The proposed changes involve Technical Specifications (TS): 3/4.1.2.9, Reactivity Control Systems – Borated Water Sources – Operating, and associated Bases 3/4.1.2 Boration Systems; 3/4.3.2.1, Safety Features Actuation System Instrumentation, and associated Bases 3/4.3.1 and 3/4.3.2, Reactor Protection System and Safety System Instrumentation; and 3/4.5.4, Emergency Core Cooling Systems – Borated Water Storage Tank, and associated Bases 3/4.5.4, Borated Water Storage Tank.

The proposed changes to TS 3/4.3.2.1 would revise Table 3.3-4, Safety Features Actuation System Instrumentation Trip Setpoints, to remove the “Trip Setpoint” values for Instrument String Functional Unit “f”, Borated Water Storage Tank (BWST) Level, and also modify the “Allowable Values” entry for this same Functional Unit, consistent with updated calculations using current setpoint methodology. The proposed changes would also revise Limiting Condition for Operation (LCO) 3.3.2.1, and Bases 3/4.3.1 and 3/4.3.2 to reflect the removal of the “Trip Setpoint” values for this Functional Unit.

Associated with the above changes, the minimum available BWST borated water volume requirement as specified in LCO 3.1.2.9.b.1 and LCO 3.5.4.a, and as referenced in Bases 3/4.1.2, is proposed to be increased.

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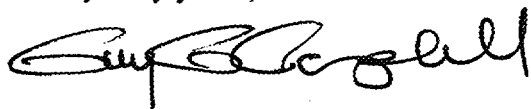
With respect to the proposed changes to TS LCO 3.1.2.9.b.1 and Bases 3/4.1.2, it is of note that an additional license amendment application, License Amendment Request (LAR) 97-0003, also affects TS 3/4.1.2.9 and Bases 3/4.1.2. Since the TS 3/4.1.2.9 requirements applicable to the BWST are duplicated by TS 3/4.5.4, LAR 97-0003 proposes that the portion of TS 3/4.1.2.9 applicable to the BWST, and the associated discussion in Bases 3/4.1.2, be deleted. Should LAR 97-0003 be approved by the NRC prior to approval of LAR 97-0011, the changes to TS 3/4.1.2.9 and Bases 3/4.1.2 proposed by LAR 97-0011 would no longer be necessary.

NRC Inspection Report 50-346/97-201, dated September 4, 1997 (DBNPS Log Number 5122), noted the need to resolve inconsistencies between various documents for the BWST setpoints. Follow-up NRC Inspection Report 50-346/98003, dated March 10, 1998 (DBNPS Log Number 1-3949), referenced the new calculation that had been performed and the calculation revision that had been completed to address the NRC concerns, and noted that an additional calculation revision was pending. NRC Inspection Report 50-346/98011, dated September 3, 1998 (DBNPS Log Number 1-4003), documented completion of NRC review of the subsequent calculation revision and closed associated Inspection Follow-up Item 50-346/97201-09. The proposed TS changes are consistent with these updated calculations.

The DBNPS requests that this License Amendment Request be approved by the NRC by May 12, 2000.

Should you have any questions or require additional information, please contact Mr. James L. Freels, Manager - Regulatory Affairs, at (419) 321-8466.

Very truly yours,



MKL/laj

Enclosures

cc: S. N. Bailey, NRC/NRR Project Manager  
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State of Ohio (NRC Liaison)  
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Utility Radiological Safety Board