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Docket Number 50-346

License Number NPF-3

Serial Number 2197

March 18, 1994

United States Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Subject: License Amendment Application to Revise Technical Specifications and Applicable Bases to Relocate Certain Cycle-Specific Protective Limits and Core Operating Limits to the Core Operating Limits Report (COLR)

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) 2.1.2 (Reactor Core), TS 2.2.1 (Reactor Protection System Setpoints), Bases 2.1.1 and 2.1.2 (Reactor Core), Bases 2.2.1 (Reactor Protection System Instrumentation Setpoints), TS 3.2.2 (Power Distribution Limits, Nuclear Heat Flux Hot Channel Factor - F_0), TS 3.2.3 (Power Distribution Limits, Nuclear Enthalpy Rise Hot Channel Factor - $F_{\Delta H}^N$), Bases 3/4.2 (Power Distribution Limits), and TS 6.9.1.7 (Administrative Controls, Core Operating Limits Report).

This application is submitted in accordance with Generic Letter 88-16, "Removal of Cycle-Specific Limits from Technical Specifications", dated October 4, 1988 (Toledo Edison Log Number 2735), which requires that, for removal of cycle-specific limits from the Technical Specifications, the limits be determined using an NRC approved methodology. On March 16, 1993, the NRC staff approved Babcock and Wilcox (B&W) Topical Report BAW-10179P, "Safety Criteria and Methodology for Acceptable Cycle Reload Analyses" (TAC No. M80189). The NRC Safety Evaluation Report (SER) concludes that the inclusion of certain operating limits in a COLR is acceptable and that BAW-10179P is an acceptable Technical Specification reference for the B&W Fuel Company methodology used to

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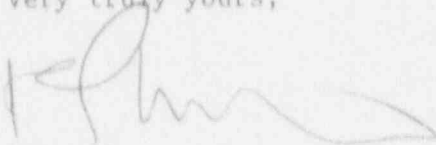
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establish the values of these limits for the B&W-designed 177-fuel-assembly class of plants (such as the DBNPS). The operating limits that may be placed in the COLR include (but are not limited to): nuclear heat flux hot channel factor limit (F_0), nuclear enthalpy rise hot channel factor limit ($F_{\Delta H}^N$), axial power imbalance protective limits and trip setpoint for nuclear overpower based on Reactor Coolant System flow. The above referenced Technical Specification and Bases changes are proposed to implement this guidance.

Generic Letter 88-16 identified that the use of a COLR as an alternative to including the values of cycle-specific parameters in individual Technical Specifications will eliminate an unnecessary burden on licensees and the NRC. Therefore, this application is considered to be a Cost Beneficial Licensing Action since it will allow future changes to cycle-specific limits without the expense of processing a License Amendment.

Toledo Edison requests that this amendment be issued by the NRC by July 1, 1994, to support the planning and scheduling of the Ninth Refueling Outage (9RFO). The 9RFO is currently scheduled to commence on October 1, 1994. Should further information be required, please contact Mr. William T. O'Connor, Manager - Regulatory Affairs, at (419) 249-2366.

Very truly yours,



MKL/amb

Enclosure

cc: J. B. Martin, Regional Administrator, NRC Region III
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