



Donald C. Shelton  
Vice President - Nuclear  
Davis-Besse

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

Docket Number 50-346

License Number NPF-3

Serial Number 1918

June 4, 1991

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

Subject: License Amendment Request to Remove Technical Specifications Decay  
Heat Isolation Valve and Pressurizer Heater Interlock Requirements  
in Modes 4 and 5

Gentlemen:

Enclosed is an application for an amendment to the Davis-Besse Nuclear Power  
Station, Unit 1 (DBNPS), Operating License Number NPF-3, Appendix A  
Technical Specifications (TS). The proposed changes involve TS 3/4.3.2,  
"Safety Features Actuation System Instrumentation."

The proposed changes remove operability requirements for decay heat  
isolation valve and pressurizer heater interlock channels in Modes 4 (hot  
shutdown) and 5 (cold shutdown). The decay heat isolation valve interlocks  
are intended to ensure decay heat isolation between the reactor coolant  
system (RCS) and relatively low pressure decay heat removal system is  
established during plant heatup (Modes 2 and 3) and maintained during plant  
operation (Mode 1).

The proposed changes also remove the requirement in TS 3/4.3.2 for the  
pressurizer heater interlock channels to be operable in Modes 4 and 5. The  
pressurizer heater interlock channels prevents pressurizer heater operation  
with either of the two in-series decay heat isolation valves not fully  
closed. This interlock serves as an automatic prompt to the operator to  
properly position both decay heat isolation valves and enable the automatic  
valve closure interlocks. The pressurizer heater interlock is only needed  
in Mode 3 while either decay heat isolation valve is open. The proposed  
change accordingly revises the mode applicability for the pressurizer heater  
interlock to Mode 3 with either decay heat isolation valve open.

9106100419 910604  
PDR ADOCK 05000346  
P PDR

Operating Companies  
Cleveland Electric Illuminating  
Toledo Edison

070025

1/1  
A001

Docket Number 50-346  
License Number NPF-3  
Serial Number 1918  
Page 2

Since these proposed changes also support complete utilization of the safety features actuation system shutdown bypass modification scheduled to be completed during the seventh refueling outage, Toledo Edison requests that this amendment be issued by the Nuclear Regulatory Commission by September 1, 1991, with implementation within 45 days following issuance.

If you have any questions regarding this amendment request, please contact Mr. Robert W. Schrauder, Manager - Nuclear Licensing, at (419) 249-2366.

Very truly yours,

  
PWS/ach

enclosure

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