



A Centenor Energy Company

EDISON PLAZA  
300 MADISON AVENUE  
TOLEDO, OHIO 43652-0001

NP 40-91-03 Rev. 1  
AB-92-028

Docket Number 50-346

License Number NPF-3

May 19, 1992

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

Subject: Fire Protection - Revised Special Report Pursuant to Technical  
Specification 3.3.3.8, Fire Detection Instrumentation

Gentlemen:

By letter dated December 6, 1991, Toledo Edison (TE) submitted a Special Report (Number NP-40-91-03) to the Nuclear Regulatory Commission (NRC) pursuant to Davis-Besse Nuclear Power Station (DBNPS) Operating License NPF-3, Appendix A, Technical Specification (TS) 3.3.3.8, Fire Detection Instrumentation. In that Special Report, TE informed the NRC that the twelve smoke detectors in Fire Detection Zone (FDZ) 410 (containment building east passage) were inoperable. Based on the age and obsolescence of these detectors, TE stated its plans to replace them with a newer detector (Pyrotronics Model DI-6) before restart from the eighth refueling outage (currently scheduled to commence March 1, 1993) or during an outage of sufficient duration.

Toledo Edison management has recently approved a planned modification that will replace a significant portion of the existing DBNPS fire detection system with a state-of-the-art detection system. Specific details on this new system were provided at the May 14, 1992 meeting between TE and the NRC at the NRC's offices in Rockville, Maryland. The modification is scheduled for implementation during the current cycle (Cycle 8), during the eighth refueling outage (8RFO), and into the next operating cycle (Cycle 9). FDZ 410 is one of the zones included in the modification. In the December 6, 1991 letter, TE had indicated replacement of the detectors in FDZ 410 could occur during an outage of sufficient duration prior to 8RFO. Such a replacement would have been with the Pyrotronics Model DI-6 detectors, not the new state-of-the-art detectors.

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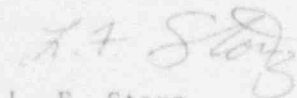
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Docket Number 50-346  
License Number NPF-3  
Page 2

The Pyrotronics Model DI-6 detectors would then need to be replaced with the state-of-the-art detectors as a part of the modification. Due to the recent management approval of the planned modification and in order to keep worker radiation doses As Low As Reasonably Achievable (ALARA), TE plans to replace the detectors in FDZ 410 only as a part of the upgrade modification. In that FDZ 410 is inside containment, it will be upgraded during 8RF0.

If you have any questions, please contact Mr. R. W. Schrauder, Manager - Nuclear Licensing, at (419) 249-2366.

Very truly yours,



L. F. Storz  
Plant Manager

KBR/ed

cc: A. B. Davis, Regional Administrator, NRC Region III  
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Utility Radiological Safety Board