



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

September 16, 1982

SAFETY EVALUATION FOR AMENDING TECHNICAL
SPECIFICATIONS FOR THE DAVIS-BESSE NUCLEAR POWER FACILITY

Davis-Besse has exceeded the surveillance test period on the steam and feedwater rupture control system steam line low pressure switches. The TSs require that the switches be tested on a monthly basis with a 25% time allowance. The licensee has exceeded the TS surveillance interval since midnight of September 12, 1982. *However, we were informed via tel-log Sept. 16, 1982*

Past history of the switches has shown no tendency for instrument drift such that there is currently no technical reason to suspect that the switches are inoperable. The switches have been recently calibrated during the last refueling outage. A strict interpretation of TS currently requires a rapid shutdown. Davis-Besse is presently operating at about 75% of rated power. To avoid an unnecessary transient on the unit due to a shutdown, Toledo Edison wants to extend the surveillance period ~~by 96 hours~~ to extend the time limit to 2400 hours on September 16, 1982. The safety function of these pressure switches is to provide a steam pressure input to the SFRCS indicating a rupture in the main steam system. The SFRCS is composed of two actuation trains each of which will isolate both main steam lines and associated feedwater lines upon the detection of a rupture in either main steam line. Each SFRCS actuation train will also initiate one train of auxiliary feedwater and isolate one steam generator. One of the two actuation trains has been completely and satisfactorily tested. Each train picks up pressure indications from both steam lines. Therefore, the plant presently has the ability to sense loss of steam pressure and provide subsequent protective actions as described above assuming no failures occur in the tested train prior to completing the required surveillance. We therefore agree with the licensee's analysis that the granting of this emergency TS change is justified.

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