



ATTACHMENT TO LER 80-08/3L  
NORTHEAST NUCLEAR ENERGY COMPANY  
MILLSTONE NUCLEAR POWER STATION - UNIT 1  
PROVISIONAL LICENSE NUMBER DPR-21  
DOCKET NUMBER 50-245

IDENTIFICATION OF OCCURRENCE

Engineered safety feature instrument settings in the Emergency Core Cooling System (ECCS) logic were found to be less conservative than those established by Technical Specifications.

CONDITIONS PRIOR TO OCCURRENCE

At the time of the occurrence, the reactor was in cold shutdown; extraction steam piping and main condenser repairs were in progress.

DESCRIPTION OF OCCURRENCE

On June 5, 1980 during routine surveillances, Reactor Low Pressure Valve Permissive Functional and Calibration Test and Reactor Low Pressure Pump Start Functional and Calibration Test, it was discovered that pressure switches 263-54A and 263-52C tripped outside the band allowed by Technical Specifications.

<u>SWITCH</u>	<u>FUNCTION</u>	<u>ACTUAL TRIP POINT (PSIG)</u>	<u>TECH. SPEC. TRIP POINT (PSIG)</u>
263-52C	Valve Permissive	379	351 $\pm$ 25
263-54A	Pump Start	381	351 $\pm$ 25

APPARENT CAUSE OF OCCURRENCE

The failure of these switches to trip at the desired setpoint was attributed to setpoint drift.

ANALYSIS OF OCCURRENCE

One of these pressure switches provides a low pressure permissive signal for opening of the ECCS admission valves; the other pressure switch provides a low pressure permissive signal for starting the ECCS pumps. Surveillance testing of the remaining switches in each one-out-of-two-twice logic system demonstrated that their setpoints were within the required range. Therefore, the failure of the switches in question to trip at their desired setpoint did not impair the systems ability to perform its intended function.

CORRECTIVE ACTION

The pressure switches in question were reset to within their required range and satisfactorily tested. All other switches in the logic systems were tested and found to be within the acceptance criteria.

The pressure switches in question were manufactured by the Meltron Corporation, Model No. 372-6SS49A-292, range of 28-1400 psig. Similar occurrences R0-79-16/3L, R0-76-27/3L and R0-76-47/3L.