



Consumers Power Company

General Offices: 212 West Michigan Avenue, Jackson, Michigan 49201 • Area Code 517 788-0550

June 23, 1972

Mr. John F. O'Leary, Director  
Directorate of Licensing  
US Atomic Energy Commission  
Washington, DC 20545

Re: Docket No 50-155  
License No DPR-6

Dear Mr. O'Leary:

This is written to apprise you of the failure of the diesel generator to start on May 25, 1972 during a routine weekly test. The diesel generator failed to start because of a "Low Lube Oil Pressure" trip. This occurred on the fourth crank of the first cycle. Four more attempts to start the unit netted the same results. The unit then started on the next or ninth crank.

Subsequent investigation revealed that the set and reset points on pressure switch PS 673 were approximately 3 psi low. The set point was found at 8.2 psig and the reset point at 11.2 psig. These settings were adjusted to 11.3 psig and 13.3 psig, respectively. After making the adjustments, the diesel generator was test-operated successfully.

The pressure switch involved is one of two lube oil pressure switches that protect the engine. The operation was such that as the engine cranked at low speed, the switch cocked on the fourth crank (normally a 5 to 7 crank sequence) and due to oil pressure variations at the low crank speed, immediately tripped out, interrupting the crank control circuit.

Tests are presently being conducted to determine if the pressure switch can be set at a still higher pressure based on the highest pressure observed during cranking. All tripping devices on the unit will be calibrated and tested on a routine annual basis.

Yours very truly,

Robert L. Haueter  
Electric Production  
Superintendent - Nuclear

RBS/smm

CC: BHGrier, AEC-COO

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