



June 29, 1979

OIE Region III USNRC
799 Roosevelt Road
Glen Ellyn, Illinois 60137

ATTENTION: Tom Tambling, Inspector - Operations Branch

SUBJECT: Violation of Technical Specification 3.4.1
Davis-Besse Unit 1 - Mode 5, Power (MWT) = 0, and Load (MWE) = 0

At 0157 hours on June 28, 1979, while conducting surveillance testing on the Reactor Protection System (RPS) Channel 4, the Instrument and Control Technician shorted several terminals with an alligator clip. The 120 Volt AC power supply to RPS Channel 4, Y4 was lost causing a loss of power to the Safety Features Actuation System (SFAS) Channel 4. The SFAS Channel 4 Bistables tripped as designed upon a loss of power. The trip of one SFAS channel does not actuate any SFAS incident level but the trip of SFAS Channel 4 does actuate the Bistable which closed the Decay Heat (DH) Normal Cooldown Isolation Valve DH 11.

The closure of DH 11 isolated the DH System and since there were no Reactor Coolant Pumps in operation, placed the unit in violation of Technical Specification 3.4.1. The Decay Heat Pump was manually shutdown before all DH flow was lost to protect the pump.

By 0215 hours, Y4 was re-energized, DH 11 was re-opened, DH Pump 1-2 was re-started, and a Decay Heat Flowrate of greater than 2800 GPM was established.

Tom Tambling, Region III NRC was notified of the violation at 1010 hours on June 29, 1979.

Terry Murray/KCB

Terry Murray
Station Superintendent
Davis-Besse Nuclear Power Station Unit #1

TDM/SNB/cjb

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