

PRELIMINARY NOTIFICATION

September 6, 1979

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PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-79 398

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information presented is as initially received without verification or evaluation and is basically all that is known by IE staff on this date.

Facility: Philadelphia Electric Company
Peach Bottom Units 2 & 3 (DN 50-277, 278)
Delta Pennsylvania

Subject: POST-LOCA CONTAINMENT ATMOSPHERIC DILUTION SYSTEM (CAD) DOES NOT MEET SAFETY CRITERIA

The licensee reported that the electrical power supply panel in the Cable Spreading Room feeding CAD pressure and flow instrumentation for both units is not seismically qualified. This power will be switched to a safeguards supply within 7 days. Technical Specifications allow power operation for 1 week with the CAD system out of service.

Also, fire protection separation criteria and safeguards routing requirements are not met for cables and power supplies on CAD inboard and outboard 2" vent valves, instrumentation for CAD pressure and flow, CAD injection valves, H₂ and O₂ indicators, the control room CAD panel, CAD analyzer heat tracing, sample isolation, N₂ injection flow indication signals, and other cables (some of which are located on lighting and power panels). The power supply and cable routing for inboard and outboard vent and control valves will also be modified to achieve required separation, and safeguards designation, within 7 days. Containment Isolation functions are not affected and CAD injection capability is not invalidated by this defect.

Media interest is possible because of sensitivity to nuclear power plant issues. The Commonwealth of Pennsylvania and the State of Maryland have been informed. No press release is planned by the licensee nor NRC.

The NRC, Region I, (Philadelphia) Site Resident Inspector received oral notification of this occurrence from the Site Technical Engineer at 12:00 p.m., September 6, 1979.

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