



Arizona Nuclear Power Project

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U. S. Nuclear Regulatory Commission
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Washington, D. C. 20555

ANPP-33031-EEVB/GEC
July 15, 1985

Subject: Palo Verde Nuclear Generating Station (PVNGS) Unit 1
Docket No. STN 50-528, License No. NPF-41
Report of Notification of Unusual Event -
Plant Condition Outside LCOs Requiring Plant Shutdown
File: 85-056-026; G.1.01.10

Gentlemen:

Attached please find a report describing a Notification of Unusual Event at the Palo Verde Nuclear Generating Station (PVNGS). This report addresses a required plant shutdown arising from plant conditions outside the Technical Specification Limiting Condition For Operation related to Reactor Coolant System Unidentified Leakage.

This report is prepared and submitted pursuant to Table 5.1-1 of the PVNGS Emergency Plan. By copy of this letter we are also forwarding a copy of the report to the Regional Administrator of the Region V Office and other offsite authorities.

If you have any questions or concerns, please contact me.

Very truly yours,

E. E. Van Brunt, Jr.
Executive Vice President
Project Director

EEVBJr/GEC/slh
Attachment

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PALO VERDE NUCLEAR GENERATING STATION UNIT 1

NOTIFICATION OF UNUSUAL EVENT ON JULY 11, 1985

Docket No. STN 50-528
License No. NPF-41

At approximately 0800 MST on July 11, 1985, the NRC Operations Center was notified, via the Emergency Notification System, of the declaration of a NOTIFICATION OF UNUSUAL EVENT for Unit 1 of the Palo Verde Nuclear Generating Station (PVNGS). The NOTIFICATION OF UNUSUAL EVENT was required by the Emergency Plan Implementing Procedure (EPIP) - 02 that requires reporting of "Tech. Spec. LCO Action Statement requires Rx Shutdown, or prevents return to operation pending Engineering Evaluation."

A primary coolant unidentified leak rate of approximately 1.2 gpm was noticed at about 0400 MST on July 11, 1985. This exceeded the Technical Specification 3.4.5.2 value of 1.0 gpm. Four hours later, the leakage had still not been identified placing the unit into an ACTION Statement that required being in HOT STANDBY within six hours. A NOTIFICATION OF UNUSUAL EVENT was declared at that time.

A special, one-time Technical Specification extension was requested and granted to Tech. Spec. 3.4.5.2 which allowed an additional 72 hours to reach COLD SHUTDOWN. All ACTION Statements were complied with and no releases of radioactive material requiring offsite response or monitoring occurred.

An ongoing reevaluation of leakage rate allowed the NOTIFICATION OF UNUSUAL EVENT to be terminated at 2105 on July 11, 1985.