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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 Region V staff on this date.

FACILITY: Arizona Public Service Company  
Palo Verde 1  
Docket No. 50-528  
Wintersburg, Arizona

Licensee Emergency Classification  
 Notification of Unusual Event  
 Alert  
 Site Area Emergency  
 General Emergency  
 Not Applicable

SUBJECT: POSSIBLE UNANALYZED SAFETY CONDITION

The licensee determined that an unanalyzed condition may exist with the Diesel Generator (DG) start circuitry that could allow the DG to start but not load in a loss of power (LOP) event. Specifically, if a DG were operating and a simultaneous DG non-safety trip and LOP occurred, a relay race between the LOP DG start signal and the DG field flash signal could prevent the DG field flash circuit from re-energizing the DG field. If this were to occur, the DG would restart, but the generator would not be energized and the DG could not assume the loads on the 4160 Volt essential bus.

The licensee is developing a modification to the DG start circuitry that would allow the field flash circuit to energize the generator fields under all conditions. The plant is currently in Mode 5 and initial criticality is scheduled in May, 1985.

Neither the utility nor Region V plan to issue a press release. No media interest has occurred.

This preliminary notification is issued for information only and is current as of 4:00 p.m., February 15, 1985.

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REGION V: FORM 211  
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