

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 Nuclear Power Project  
Palo Verde Unit 1  
DOCKET NO. 50-528

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

SUBJECT: REACTOR TRIP AND SAFETY INJECTION

On October 6, 1986, at 11:58 AM MST, the Unit 1 reactor tripped from approximately 20% power on low Departure from Nucleate Boiling Ratio. The plant was reducing power following a loss of electrical load, turbine trip, and reactor cutback prior to the trip. Feedwater perturbations are believed to have resulted in the reactor trip and subsequent safety injection. Safety injection was activated at 11:59 AM and an Unusual Event was declared at 12:08 PM. All safety systems responded as designed. The Unusual Event was terminated at 12:59 PM MST.

The licensee intends to remain shut down for 72 hours to perform several maintenance items.

The licensee has issued a press release.

This information is current as of 8:45 AM MST October 7, 1986.

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DISTRIBUTION

H St.	MNBB	Phillips	E/W	Willste	Air Rights	12:28	Mail:
Chairman Zech	EDO	NRR	IE	NMSS			ADM:DMB
Comm. Roberts	PA		OIA	RES			DOT:Trans Only
Comm. Asselstine	MPA		AEOD				
Comm. Bernthal	ELD						
Comm. Carr	Regions:						
SECY		INPO	12:30	NSAC	12:29		
ACRS		Licensee:	1:09				
CA		(Reactor Licensees)					
PDR		Resident Inspector					

REGION V: FORM 211  
(Revised 3/14/83)

HQ OPERATION  
CENTER 1:02

IE-39 0/1