

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-V-90-4/ Date: 11/20/90

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: SOUTHERN CALIFORNIA EDISON  
San Onofre Unit 2  
Docket No. 50-361  
San Clemente, California

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

SUBJECT: INADVERTENT ACTUATION OF SAFETY INJECTION AND CONTAINMENT SPRAY

On November 20, 1990 at 9:46 a.m. (PST) an inadvertent actuation of the Safety Injection and Containment Spray systems occurred at San Onofre Nuclear Generating Station Unit 2, while the plant was operating at 100% power.

The actuation signal was initiated by the Plant Protection System (PPS) while an instrument and control (I&C) technician was performing a PPS matrix test. The actuation resulted when the I&C technician began testing one PPS channel after neglecting to reset the previous channel. This satisfied the 2 out of 4 logic to actuate the Safety Injection and Containment Spray systems. These systems operated for about one to two minutes before being reset. Up to 5000 gallons of borated water were sprayed into containment before operation of the Containment Spray system was terminated.


A similar event in March, 1984 resulted in the spraying of approximately 6000 gallons into the Unit 2 containment. Inspection and evaluation by the licensee following that event indicated no deleterious effects from the spray actuation. Based in part on this previous experience, the licensee intends to continue power operation of Unit 2, but will make a containment entry at 4:00 p.m. (PST) to inspect for potential damage to any plant components. Further licensee actions will be determined based upon the results of these inspections.


This actuation initiated a remote alarm in the State of California Emergency Operations Center. The licensee informed the State authorities that an emergency situation did not exist.

Region V was first informed by the Resident Inspector, by telephone at 10:15 a.m. (PST) on November 20, 1990. This information is current as of 2:30 p.m. (PST), November 20, 1990.

CONTACT:

A. Hon  
(714) 492-2641

  
P. Johnson  
FTS 463-3745

  
D. Proxix  
FTS 463-3767

9011300197 901120  
PDR I&E  
PNO-V-90-047 PDC

0/1  
1E34

DISTRIBUTION BY 5520:

Date 11/20 Time 4:30 pm

Chairman Carr	EDC	RI
Comm. Rogers	AEOD	RII
Comm. Curtiss	PAO	RIII
Comm. Remick	SLITP	RIV

CA	NMSS
OGC	IRM
OE	OIG
ACRS	ASLAP
GPA	RES

FAX TO:

Date 11/20 Time 4:35 pm

INPO  
 NSAC  
 LICENSEE  
 RESIDENT INSPECTOR  
 HQS. OPERATIONS OFFICER  
 PDR (202)634-3343

MAIL TO:

DCS (Original)  
 DOT:(Trans. Only, Applicable State)

RV FORM 211  
 Revised: 8/19/87