

LICENSEE EVENT REPORT

CONTROL BLOCK:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	M	D	C	C	N	1	2	0	0	-	0	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4		5
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LICENSEE CODE

LICENSE NUMBER

LICENSE TYPE

CAT 58

CONT

REPORT
SOURCE

0	1	L	6	0	5	0	0	0	3	1	7	7	0	6	1	7	8	1	8	0	7	1	7	8	1	9
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DOCKET NUMBER

EVENT DATE

REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

At 0640 during normal operation, letdown flow was found to be 45 gpm

with two charging pumps running. No. 13 Charging Pump Discharge Relief

Valve was found open rendering #13 charging pump inoperable (T.S. 3.1.

2.4). No. 13 charging pump was secured for two minutes to allow the re-

lief valve to shut. The relief valve remained seated when the pump was

restarted terminating the event. LER 81-21 describes a similar event.

0	9	C	G	11	D	12	Z	13	V	A	L	V	E	X	14	J	15	B	16
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SYSTEM
CODECAUSE
CODECAUSE
SUBCODECOMPONENT
CODECOMP.
SUBCODEVALVE
SUBCODELER/RO
REPORT
NUMBER

EVENT YEAR

SEQUENTIAL
REPORT NO.OCCURRENCE
CODEREPORT
TYPEREVISION
NO.ACTION
TAKENFUTURE
ACTIONEFFECT
ON PLANTSHUTDOWN
METHOD

HOURS

ATTACHMENT
SUBMITTEDNPRD-4
FORM SUB.PRIME COMP.
SUPPLIERCOMPONENT
MANUFACTURER

8	1
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0	4	6
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0	3
---	---

L

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0

G	E
---	---

Z

Z

0	0	0	0
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Y

N

A

C	7	1	0
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CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

No. 13 Charging Pump Relief Valve lifted on actual overpressure condition.

The valve did not reseal due to incorrect blowdown setting. Valve blow-

down was set improperly due to an unclear Maintenance Procedure (RELV 3).

RELV 3 will be rewritten to provide greater clarity and all Charging

Pump Discharge Relief Valves will be checked for proper blowdown.

1	5	E	28	1	0	0	29	NA	30	A	31	Operator Observation	32
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FACILITY
STATUS

% POWER

OTHER STATUS

METHOD OF
DISCOVERY

DISCOVERY DESCRIPTION

ACTIVITY
RELEASEDCONTENT
OF RELEASE

AMOUNT OF ACTIVITY

LOCATION OF RELEASE

PERSONNEL EXPOSURES

NUMBER

TYPE

DESCRIPTION

PERSONNEL INJURIES

NUMBER

DESCRIPTION

LOSS OF OR DAMAGE TO FACILITY

TYPE

DESCRIPTION

PUBLICITY
ISSUED

DESCRIPTION

8107280206 810717
PDR ADDOCK 05000317
S PDR

NRC USE ONLY

NAME OF PREPARER

M. A. Junge/C. R. Mahon

PHONE

(301) 269-4969/4870

LER NO.	81-46/3L
DOCKET NO.	50-317
LICENSE NO.	DPR-53
EVENT DATE	06-17-81
REPORT DATE	07-17-81
ATTACHMENT	

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (CONT'D)

On June 17, 1981 at 0526, two charging pumps (Nos. 11 and 12) were running. The third charging pump, No. 13, was started at this time. No. 12 charging pump was secured and tagged out shortly afterwards. However, No. 13 Charging Pump Discharge Relief Valve (RV-324) lifted when all three charging pumps had been running. At 0640 on June 17, 1981 the Control Room Operator (RCO) noticed pressurizer level 10 inches below its setpoint level and chemical volume and control system flow at 45 gpm with two charging pumps running. (Rated flow at one charging pump is 44 gpm). The CRO secured No. 13 charging pump for two minutes and restarted it. The discharge relief valve for No. 13 charging pump reseated while the pump was stopped. Pressurizer level was returned to the normal operating band.

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (CONT'D)

The discharge relief valve for No. 13 charging pump was removed and examined. The suspected cause on the relief valve lifting was an actual overpressure condition. The relief valve did not reseat due to an improper blowdown setting. Upon investigation of why the relief valve had an improper blowdown setting it was found that the blowdown ring had been incorrectly positioned because Maintenance Procedure RELV 3 was not written correctly. To prevent future occurrences of this nature, Maintenance Procedure RELV 3 will be rewritten to enhance its clarity. All Charging Pump Discharge Relief Valves will have their blowdown settings verified. Finally, a test will be performed to observe the operation of No. 13 charging pump relieve valve. The test will observe discharge pressure of No. 13 charging pump when it is started while No. 11 and No. 12 charging pumps are already in operation.