

## (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONT

0	1
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7 8

REPORT SOURCE

1	6	0	5	0	0	0	3	9	5	7	0	5	1	7	8	3	8	0	6	1	5	8	3	9
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60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

DOCKET NUMBER

EVENT DATE

REPORT DATE

## EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0	2	At 1610 hours on May 17, 1983, with the Plant in Mode 4, Zone K of the Fire
0	3	Service System locked in "Trouble Alarm" status. Upon receipt of the alarm, the
0	4	associated deluge valve was tripped charging the sprinkler header; and in
0	5	accordance with Action Statement (a) of Technical Specification 3.3.3.7, a one (1)
0	6	hour fire watch patrol was established to inspect the affected zone. There were
0	7	no adverse consequences since the sprinklers would have functioned as designed.
0	8	

SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE					
0	9	F	S	E	G	I	N	S	T	R	U	C	Z				
7	8	9	10	11	12	13	14	15	16	17	18	19	20				
LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.							
17	8	3	—	0	4	8	/	0	3	L	—	0					
21	22	23	24	25	26	27	28	29	30	31	32						
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	
A	F	Z	Z	0	0	0	0	Y	22	N	24	L	25	P	4	3	5
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

## CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1	0	The cause of the trouble alarm has been attributed to water damage to two (2)
1	1	modules located in Preaction Sprinkler Panel XPN-091, which was wet down during
1	2	maintenance activities on the condensate polisher internals which are located
1	3	above the affected panel. A Request for Engineering Evaluation has been submitted
1	4	to better seal panel XPN-091 to prevent recurrence.

7 8 9 FACILITY STATUS 10 % POWER 11 OTHER STATUS 12 13 METHOD OF DISCOVERY 14 15 16 DISCOVERY DESCRIPTION 17 18

1 5 C 28 0 0 0 29 N/A 30 A 31 Operator Observation 32

7 8 9 ACTIVITY CONTENT 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

1 6 Z 33 Z 34 N/A 35 N/A 36

PERSONNEL EXPOSURES									
NUMBER			TYPE		DESCRIPTION				
1	7		0	0	0	(37)	2	(38)	N/A
2	8	9	10	11	12	13	14	15	16

		PERSONNEL INJURIES			
		NUMBER		DESCRIPTION	
1	8	0	0	0	N/A

7 8 9 11 12  
LOSS OF OR DAMAGE TO FACILITY  
TYPE DESCRIPTION (43) N/A  
1 9 42  
7 8 10  
8306280504 830615  
PDR ADOCK 05000395  
S PDR

PUBLICITY  
 ISSUED DESCRIPTION (45)  
 2 C 44 N/A  
 7 8 9 10  
 NRC USE ONLY  
 68 69 70 71 72 73 74 75 76 77 78 79 80  
 245 5200

NAME OF PREPARER

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O. W. DIXON, JR.  
VICE PRESIDENT  
NUCLEAR OPERATIONS

June 15, 1983

USNRC REGION II  
ATLANTA, GEORGIA  
83 JUN 22 9:34

Mr. James P. O'Reilly  
Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region II, Suite 2900  
101 Marietta Street, N.W.  
Atlanta, Georgia 30303

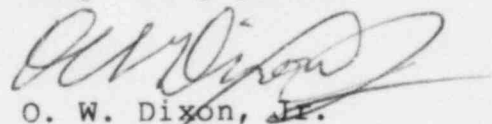
SUBJECT: Virgil C. Summer Nuclear Station  
Docket No. 50/395  
Operating License No. NPF-12  
Thirty Day Written Report  
LER 83-048

Dear Mr. O'Reilly:

Please find attached Licensee Event Report #83-048 for Virgil C. Summer Nuclear Station. This Thirty Day Report is required by Technical Specification 6.9.1.13.(b) as a result of entry into Action Statement (a) of Technical Specification 3.3.3.7, "Fire Detection Instrumentation," on May 17, 1983.

Should there be any questions, please call us at your convenience.

Very truly yours,



O. W. Dixon, Jr.

LEK:OWD/dwf/fjc  
Attachment

cc: V. C. Summer  
E. H. Crews, Jr.  
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Mr. James P. O'Reilly  
LER No. 83-048  
Page Two  
June 15, 1983

#### EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

At 1610 hours on May 17, 1983, with the Plant in Mode 4, Zone K of the Fire Service System locked in "Trouble Alarm" status. Zone K of the Fire Service System includes rooms 12-02, 12-03, and 25-01 located at the 412 and 425 elevations of the Control Building. Upon receipt of the alarm, the associated deluge valve was manually tripped charging the sprinkler header; in accordance with Action Statement (a) of Technical Specification 3.3.3.7, a one (1) hour fire watch patrol was established to inspect the affected zones. There were no adverse consequences attributed to this event.

#### CAUSE AND CORRECTIVE ACTIONS

The cause of the trouble alarm has been attributed to water damage to two (2) modules located in Preaction Sprinkler Panel XPN-91, which was wet down during maintenance activities on the condensate polisher internals that are located above the affected panel. The modules were replaced, the applicable surveillance test procedure performed, and the system was declared operable at 1700 hours, May 18, 1983.

A Request for Engineering Evaluation has been submitted for evaluation of a better method of sealing panel XPN-91 to prevent recurrence.