

## LICENSEE EVENT REPORT

CONTROL BLOCK: 1 (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 F L T P S 4 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5  
7 3 9 14 15 25 26 37 38 43

CCN'T  
01 REPORT SOURCE L 8 0 5 0 0 0 2 1 5 1 7 0 8 2 8 7 9 3 0 9 1 1 7 9 9  
7 3 60 61 53 53 73 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)  
013 During power operation, an evolution was performed to place the spent fuel  
013 pit (SFP) purification demineralizer in service. Incomplete communication  
014 and failure to follow a procedure resulted in an unanticipated flow path  
015 from the refueling water storage tank (RWST) to the SFP. Approximately  
016 8,000 gal. of water were transferred. This resulted in a reduction of the  
017 RWST volume to below that required by technical specifications and in an  
018 overflow of about 3,000 gal. from the SFP.  
7 3 9 30

09 SYSTEM CODE F C 11 CAUSE CODE A 12 CAUSE SUBCODE B 13 COMPONENT CODE X X X X X X 14 COMP. SUBCODE Z 15 VALVE SUBCODE Z 16  
7 8 9 10 11 12 13 14 15 16

17 LEAD REPORT NUMBER 7 9 21 22 23 24 25 26 27 28 29 30 31 32  
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPD-1 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER  
X 13 X 19 Z 20 Z 21 0 0 0 0 0 Y 23 N 24 Z 25 Z 9 9 9 9 26  
33 34 35 36 37 38 39 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)  
110 Upon discovery, a unit shutdown was initiated and pursued until the required  
111 RWST volume was reestablished. The spill was confined to the immediate area  
112 adjacent to the SFP and a drain system. Control and cleanup of the  
113 contaminated area was promptly initiated. Long term corrective action items  
114 are discussed in the attachment.  
7 3 9 30

15 FACILITY STATUS E 23 % POWER 1 0 0 29 OTHER STATUS NA 30 METHOD OF DISCOVERY A 31 DISCOVERY DESCRIPTION Operator observation 32  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

16 ACTIVITY CONTENT RELEASED OF RELEASE L 33 M 34 1.091 curies total 35 LOCATION OF RELEASE Area surrounding SFP 36  
7 3 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

17 PERSONNEL EXPOSURES NUMBER 0 0 0 37 TYPE Z 38 DESCRIPTION NA 39  
7 3 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

18 PERSONNEL INJURIES NUMBER 0 0 0 40 DESCRIPTION N/A 41  
7 3 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

19 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION N/A 43  
7 3 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

20 PUBLICITY ISSUED Y 44 DESCRIPTION Miami Herald - September 1, 1979 45  
7 3 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

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NRC USE ONLY

7910090353



Additional Event Description and Probable Consequences:

During power operation, an evolution was performed to place the Unit No. 4 spent fuel pit (SFP) purification demineralizer in service. Because of incomplete communication and failure to follow a procedure, it was not recognized that this shared demineralizer was already in service in the refueling water storage tank (RWST) purification mode. Consequently when the correct valve alignment was made to establish the spent fuel pit purification flow path, an unanticipated flow path was inadvertently provided which allowed the refueling water purification pump to transfer water from the refueling water storage tank to the spent fuel pit. Prior to discovery and correction of this improper configuration, approximately 8,000 gallons of water were transferred. This resulted in (1) a reduction of the volume in the refueling water storage tank to approximately 317,000 gallons (TS minimum: 320,000 gallons) and (2) overflow of about 3,000 gallons from the spent fuel pit.

Additional Cause Description and Corrective Actions:

Upon discovery of this occurrence, a Unit No. 4 shutdown was initiated and pursued for 45 minutes until the required volume was reestablished in the refueling water storage tank. This was accomplished by transferring water from the spent fuel pit to the refueling water storage tank. Water spilled as a result of the overflow was confined to the immediate area adjacent to the spent fuel pit and a drain system within the protected area. The total activity of the spill was calculated to be 1.091 curies. (This activity is based on spent fuel pit sample data.)

Control and cleanup of the contaminated area was promptly initiated. Management actions have been scheduled and initiated to provide a high degree of assurance that an event of this nature will not reoccur. These actions are detailed in Mr. J. P. O'Reilly's facsimile transmissions regarding "Confirmation of Action". Reference RII:JPO, 50-251, dated August 31, 1979 and September 5, 1979.



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