

UPDATE REPORT - PREVIOUS REPORT DATE: 04-19-83

NRC FORM 366
(7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

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

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01 REPORT SOURCE L 6050000250 70405813 80620813 9
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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 On 4-5-83, we were notified by our engineering department that some masonry walls
03 in the Control Building do not comply with original designs. During the construction
04 activities related to the control room modifications and computer room addition,
05 some walls were found to have no internal grout and no reinforcing steel as called for
06 by the design drawings. It is believed that this deficiency is limited to the Control
07 Building. This is reportable in accordance with T.S. 6.9.2.a.9. The health and safety
08 of the public were not affected.
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

09 SYSTEM CODE Z Z 11 CAUSE CODE B 12 CAUSE SUBCODE C 13 COMPONENT CODE Z Z Z Z Z Z 14 COMP SUBCODE Z 15 VALVE SUBCODE Z 16
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
17 LSR/RO REPORT NUMBER 83 21 22 EVENT YEAR 83 23 24 SEQUENTIAL REPORT NO. 006 25 26 OCCURRENCE CODE 01 27 28 REPORT TYPE X 29 30 REVISION 1 31 32
ACTION TAKEN X 18 FUTURE ACTION X 19 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21 HOURS 0000 22 23 ATTACHMENT SUBMITTED Y 24 25 NRC-4 FORM SUB N 26 27 PRIME COMP SUPPLIER Z 28 29 COMPONENT MANUFACTURER Z 999 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 Inspections on walls within the control building have been completed. Additional
11 deficiencies were identified and are described on the attachment. Corresponding
12 repairs have been scheduled. In addition, the scope of the wall inspections have been
13 expanded to include additional walls outside of the control building.
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14 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

15 FACILITY STATUS E 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 OTHER STATUS N/A 30 METHOD OF DISCOVERY C 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 DISCOVERY DESCRIPTION Field Engineering Observation 32

16 ACTIVITY CONTENT Z 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 AMOUNT OF ACTIVITY N/A 35 LOCATION OF RELEASE 36

17 PERSONNEL EXPOSURES NUMBER 0 0 0 37 38 39 40 41 42 43 44 45 46 47 48 49 50 TYPE Z 38 DESCRIPTION N/A 39

18 PERSONNEL INJURIES NUMBER 0 0 0 40 41 42 43 44 45 46 47 48 49 50 DESCRIPTION N/A 41

19 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 43 44 45 46 47 48 49 50 DESCRIPTION N/A 43

20 PUBLICITY ISSUED DESCRIPTION N/A 45 46 47 48 49 50

21 N/A 44 45 46 47 48 49 50

22 N/A 44 45 46 47 48 49 50

NAME OF PREPARER Jesus Arias, Jr. PHONE (305) 245-2910 Ext.200

8306280168 830620
PDR ADOCK 05000250
S PDR

Additional Event Description, Probable Consequences and Corrective Actions

The following is a summary of the findings discovered while performing the control building masonry walls inspection, and the repairs necessary to return the walls to design specifications:

- 1) A total of 36 masonry walls were inspected.
- 2) All 36 walls were found non-conforming to design drawings.
- 3) Out of the 36 non-conforming walls, 3 required no repairs and were reanalyzed using arching methods, 13 will be removed, 13 will be repaired in place, 3 will be removed and rebuilt to specifications and 4 have been removed and replaced with metal stud partition walls.
- 4) PC/M 83-50 has been issued to cover all modifications required.
- 5) Schedule dates for repairs are as follows:
 - a) 25 walls are scheduled to be either repaired or removed by mid-November 1983.
 - b) The 8 remaining walls which are located at the battery rooms have been scheduled to be repaired together with PC/M 83-05 and 83-06 which covers the station batteries replacement and dependent on parts procurement, these walls are scheduled to be completed by January 30, 1984.

As already mentioned, the scope of the masonry wall inspections has been expanded to include additional walls outside of the control building. There were 15 distinct masonry wall installations identified that were analyzed under IEB 80-11 and required inspection. Each of these installations will be inspected for proper conformance to design detail. These inspections are scheduled to be completed by June 24, 1983. These walls are located in the auxiliary building, steam generator feedwater pump rooms and turbine building. An engineering evaluation and recommendations on corrective actions, if any, are expected to be completed by July 30, 1983. If any relevant information is acquired, a follow-up report will be submitted.

We have concluded that continued operation of the plant during the investigation and subsequent repairs is warranted and justified for the following reasons. First, Turkey Point Plant is located in an area of low seismic activity and the probability of a seismic occurrence is very low during the duration of the inspection and repair program (refer to FSAR 2.11.2). Second, the intensity of the design basis earthquake is very low (0.05g). Although the masonry walls may not be as absolutely rigid as the design assumes, they have an inherent capability to accommodate some earthquake loads. The lack of reinforcing steel and grout does not automatically disqualify the ability of the walls to withstand some seismic loading.



June 20, 1983
PNS-LI-83-430-1

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

Dear Mr. O'Reilly:

REPORTABLE OCCURRENCE 250-83-06

TURKEY POINT UNIT 3

DATE OF OCCURRENCE: APRIL 5, 1983

TECHNICAL SPECIFICATION 6.9.2.a.9

CONTROL BUILDING MASONRY WALLS

83 JUN 23 AIO: 35

USNRC REGION II
ATLANTA, GEORGIA

The attached Licensee Event Report is being submitted to update our initial report dated April 19, 1983.

Very truly yours,

J. W. Williams, Jr.
Vice President
Nuclear Energy

JWW/PLP/js

Attachment

cc: Director, Office of Inspection and Enforcement (40)
Harold F. Reis, Esquire
File 933.1 TP

OFFICIAL COPY

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