- CINICLH -

NRC FORM 366
(7-77)

U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

EXHIBIT A

CONTROL BLOCK: [6][3][6][7][4][3] (1)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

[0][1] [N][C][M][G][S][1] (2) [0][0][-][0][0][0][0][0][-][0][0] (3) [4][1][1][1][1] (4) [D] (5)
LICENSEE CODE (14) (15) LICENSE NUMBER (25) (26) LICENSE TYPE (30) CAT (31)

CONT
[0][2] REPORT SOURCE [L] (6) [0][5][0][0][0][3][6][9] (7) [0][3][1][9][8][1] (8) [0][4][0][2][8][1] (9)
(61) DOCKET NUMBER (68) EVENT DATE (74) REPORT DATE (75)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

[0][3] During review of seismic qualifications documentation for safety-related
[0][4] electrical cable tray hangers, it was determined that no seismic bracing or
[0][5] calculations exist for twelve Reactor Building hanger standards for Unit 1.
[0][6] This is reportable per Technical Specification 6.9.1.12.i. The health and
[0][7] safety of the public were not affected.
[0][8]

[0][5] SYSTEM CODE [SH] (11) CAUSE CODE [B] (12) CAUSE SUBCODE [A] (13) COMPONENT CODE ~~[X][X][X][X][X][X]~~ SUPORT (14) COMP SUBCODE [X] (15) VALVE SUBCODE [ ] (16)

(17) LER/RO REPORT NUMBER: EVENT YEAR [8][1] (21) — (22) SEQUENTIAL REPORT NO. [0][2][5] (23) / (24) OCCURRENCE CODE [0][1] (25) REPORT TYPE [T] (26) — (27) REVISION NO. [0] (28)

ACTION TAKEN [F] (18) FUTURE ACTION [Z] (19) EFFECT ON PLANT [Z] (20) SHUTDOWN METHOD [Z] (21) HOURS (22) [0][0][0][0] (23) ATTACHMENT SUBMITTED [Y] (24) NPRD-4 FORM SUB. [N] (25) PRIME COMP SUPPLIER [A] (26) COMPONENT MANUFACTURER [X][9][9][9] (27)

CAUSE DESCRIPTION AND CORRECTIVE ACTIVE ACTIONS (27)

[1][0] Several cable tray hangers in the Unit 1 Reactor Building did not have
[1][1] seismic bracing or calculations to demonstrate their adequacy to withstand
[1][2] a seismic event. Seismic calculations for all affected cable tray hangers
[1][3] ~~was~~ were performed and all required bracing was added to the affected hangers.
[1][4]

[1][5] FACILITY STATUS [X] (28) % POWER [0][0] (29) OTHER STATUS (30) [Mode 5] METHOD OF DISCOVERY [A] (31) DISCOVERY DESCRIPTION (32) [Personnel Observation]
ACTIVITY CONTENT

[1][6] RELEASED [Z] (33) OF RELEASE [Z] (34) AMOUNT OF ACTIVITY (35) [NA] LOCATION OF RELEASE (36) [NA]

[1][7] PERSONNEL EXPOSURES NUMBER [0][0][0] (37) TYPE [Z] (38) DESCRIPTION (39) [NA]

[1][8] PERSONNEL INJURIES NUMBER [0][0][0] (40) DESCRIPTION (41) [NA]

[1][9] LOSS OF OR DAMAGE TO FACILITY TYPE [Z] (42) DESCRIPTION [NA]

[2][0] PUBLICITY ISSUED [N] (44) DESCRIPTION (45) [NA] NRC USE ONLY [8220[illegible]21]

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U36173

DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION
INCIDENT REPORT

Report Number: RO-50-369/81-25

Report Date: April 2, 1981

Occurrence Date: March 19, 1981

Facility: McGuire Nuclear Station - Unit 1, Cornelius, North Carolina

Identification of Deficiency: Electrical Cable Tray Hangers Insufficient Seismic Bracing and Qualification Calculations

Conditions Prior to Occurrence: Initial Fuel Loading, Mode 5

Supplier And/Or Component:

The cable tray hangers found to have insufficient seismic bracing and qualification calculations were constructed with Unistrut Type P1001 components. Required bracing will be of the same type material.

Description of Occurrence:

During review of seismic qualification documentation for safety related electrical cable tray hangers, it was determined that no seismic bracing or calculations exist for 12 Reactor Building hanger standards for Unit 1.

Analysis of Safety Implication:

The affected cable tray hangers in the Unit 1 Reactor Building did not have seismic bracing or calculations to demonstrate their adequacy to withstand a seismic event. Lack of seismic bracing on the affected hangers could have resulted in damage to safety circuits in the affected trays during a seismic event. Commitment has been made to install all required seismic bracing as verified by calculations. Since this occurrence was determined before commercial operations, there have been no failures.

Corrective Action:

Seismic calculations for all affected cable tray hangers was performed and all required bracing was added to the Unit 1 affected hangers. A review of all of the Unit 1 cable tray hangers has been performed and it was determined that there were no other deficiencies.