

DUKE POWER COMPANY

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HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

June 22, 1984

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25 P 1:08

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

Re: RII:JRH
50-413/84-49
50-413/84-23

Dear Mr. O'Reilly:

Please find attached a response to violation No. 413/84-49-01, 414/84-23-01 as identified in the above referenced inspection report. Duke Power Company does not consider any information contained in this inspection report to be proprietary.

Very truly yours,

Hal B. Tucker

Hal B. Tucker

by PAB

LTP/rhs

Attachment

cc: NRC Resident Inspector
Catawba Nuclear Station

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Duke Power Company
Catawba Nuclear Station
Violation 413/84-49-01, 414/84-23-01

Response

1. Duke Power admits the Violation.

2. **Cause of Violation**

QA Procedure M-2, "Inspection of Design Concrete", was not properly interpreted by site personnel to require honeycomb inspections in a timely manner after concrete form removal. Construction did not always remove forms on pours immediately after the required curing period for certain construction reasons. Due to irregularity of form removal and lack of specified controls to require Construction to remove forms at scheduled times, inspections were not effectively scheduled for the many different areas of concrete placement where forms were removed at Construction's discretion after the required curing period. There was communication between Builder Craft and Civil Inspectors when forms were being removed, especially at times when Construction was interested in removing forms upon completion of required curing periods to continue further concrete placement in the area. If forms remained in place for extended periods longer than a month, communication between craft and inspectors of when forms were being removed may not have been as definite as when removed early after curing period to facilitate further construction.

3. **Action**

A complete walkdown of all Unit 1 QA Condition concrete structures has been made by QA Civil Inspectors for any honeycomb concrete. All areas requiring repairs have been identified and corrected.

Furthermore, prior to structure turnover to Nuclear Production as related to concrete (ref: QAP S-5), a final walk through will be made by Construction and a separate inspection by QA Civil inspectors for completeness and any surface imperfections.

4. **Corrective Action to Avoid Further Violations**

Major concrete work at Catawba Units 1 and 2 is complete; however, QA Procedure M-2 will be revised to clearly state requirements for future work.

5. **Status**

Full compliance for Unit 1 has been achieved as a complete walkdown has been conducted.

Full compliance for Unit 2 will be accomplished by November 30, 1984.