

UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 REGION II
 101 MARIETTA ST., N.W., SUITE 3100
 ATLANTA, GEORGIA 30303

SEP 12 1979

SSINS 50-400, 50-401
 50-402, 50-403

MEMORANDUM FOR: Carl Alderson, Regional Investigator

THRU: *cm* Charles E. Murphy, Chief, Reactor Construction
 & Engineering Support Branch

Jell Thomas E. Conlon, Chief, Project Section No. 1
 Reactor Construction & Engineering Support Branch

FROM: John R. Harris, Civil Engineer/Geologist
 Project Section No. 1 Reactor Construction &
 Engineering Support Branch

SUBJECT: ALLEGATION RECEIVED AT SHEARON HARRIS NUCLEAR POWER
 PLANT CASE FILE II-71

This memorandum documents investigation of an allegation regarding handling of construction deficiencies in concrete operations at the Shearon Harris Nuclear power plant. The investigation was conducted as part of a routine inspection between August 21 to 24, 1979.

The alleged is/

The alleged stated that
 not all of the construction deficiencies in concrete operations which are reported on field inspection reports are being reported and treated as nonconformance reports (NCR's). He further stated that some of the deficiencies are repetitive and management does not appear to be taking responsible corrective action. His main areas of concern are: vibration, curing and vertical discharge of concrete when using the creeper crane to place concrete. The alleged also stated that during a surveillance check of curing operations, on he noted that required entry's for midnight, 2 a.m., and 4 a.m. were not made by the inspecting craftsman. During a followup inspection at a later date he noted that the missing data had been filled in.

Following up on the alleged's concerns, the inspector reviewed: the NCR from through and curing reports for . The inspector also interviewed several QA inspectors and observed three concrete placements.

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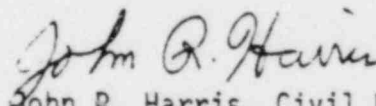
Carl Alderson

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No deviations or noncompliances were disclosed during observation of the three concrete placements. However a followup examination of curing operations disclosed improper curing on two of the concrete placements. This was reported to the licensee as noncompliance item 400/79-17-01, "Concrete Curing". Review of QA field inspection reports disclosed that repetitive deficiencies in vibration, vertical discharge and curing of concrete placements were being reported by QA inspectors, with violations of curing being the most frequent. Examination of the NCR log showed that not all of the construction deficiencies reported by the QA inspectors are being reported as NCR's. However the inspector did not cross check these deficiencies against the Deficiency Report (DR) log or the Deficiency and Disposition Report (DDR) log to see if the deficiencies were being handled by another method. This was reported to the licensee as Unresolved Item 400/79-17-02, 401/79-17-02, 402/79-16-02 and 403/79-16-02, "Processing and Management Followup on Nonconformance Reports". The inspector will further investigate the latter item in a followup inspection. Discussions with other QA inspectors disclosed concern similar to that of the allegor. Following up on the item regarding apparent falsification of data on the curing log disclosed that the senior QA specialist had prepared a draft report on the item but had not, as of August 22, 1979, submitted the report to management. After discussing the item with the NRC inspector the QA specialist submitted his report to the Principal QA specialist.

The inspection scope and findings were summarized on August 24, 1979 (See IE report number 50-400/79-17, 50-401/79-17, 50-402/79-16 and 50-403/79-16). The licensee acknowledged the unresolved item and item of noncompliance and indicated immediate corrective action would be taken regarding these items.

Following the inspection, the NRC inspector called the allegor at his residence, notified him of the NRC inspectors findings in concrete operations and thanked him for expressing his concerns to the NRC.



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