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SUBJECT: Responds to violations noted in Insp Repts 50-315/89-19 &
 50-316/89-19.

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Donald C. Cook Nuclear Plant Units 1 and 2
Docket Nos. 50-315 and 50-316
License Nos. DPR-58 and DPR-74
TRENDING PROGRAM FOR SECONDARY WATER CHEMISTRY
PARAMETERS

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Attn: A. B. Davis

July 31, 1989

Dear Mr. Davis:

This letter is in response to concerns raised during the routine safety inspection conducted by members of your staff from May 15 through May 19, 1989, at Cook Nuclear Plant Units 1 and 2 (Inspection Report Nos. 50-315/89019(DRSS) and 50-316/89019(DRSS)). The specific concerns raised addressed the time period over which trending of secondary water chemistry parameters (e.g., conductivity, pH, chloride, sulfate) is performed and the level of management support for the water chemistry trending program. At the May 19, 1989 inspection exit meeting we agreed to submit a letter to Region III providing our proposed actions to address the identified concerns. The following discussion is in fulfillment of that commitment.

BACKGROUND

Trending of secondary water chemistry parameters has been accomplished through use of our Chemistry Monitoring Computer Program (CMCP). The CMCP provides long term trend information; however, the program cannot be easily modified to accommodate changing information needs and data entry or correction is difficult and consumes an inordinate amount of time from plant personnel. As a result, plant use of the CMCP for long term trending in an operating environment can be quite cumbersome. This has led in the past to use by the plant of other means for trending secondary water chemistry parameters which, as pointed out in the inspection report, have typically covered a short period of time. The AEPSC Chemical Engineering and Performance Section has continued to maintain long term trending information using the CMCP with raw data from the plant's data sheets as input.

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