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APR 28, 1982

NUCLEAR PRODUCTION DEPARTMENT

Office of Inspection & Enforcement
U.S. Nuclear Regulatory Commission
Region II
101 Marietta St., N.W., Suite 3100
Atlanta, Georgia 30303

Attention: Mr. J. P. O'Reilly, Regional Administrator

Dear Mr. O'Reilly:

SUBJECT: Grand Gulf Nuclear Station
Units 1 and 2
Docket Nos. 50-416 and 50-417
File 0262/0472/L-860.0/L-401.0
Status of Evaluation of IE
Bulletin 79-14
References: AECM-79/122
AECM-81/212
AECM-81/474
AECM-82/170

As previously noted in our letter AECM-81/474, dated January 15, 1982, our construction completion status at the time of issuance of IE Bulletin 79-14, Seismic Analysis for As-Built Safety Related Piping Systems, permitted us to incorporate many of the Bulletin's corrective actions into our procedures prior to initial installation and inspection. All accepted piping system components for computer analyzed Category I systems have been inspected to the revised construction program designed to meet the requirements of IE Bulletin 79-14.

In addition to our existing acceptance program, we have performed an additional reverification of safety related piping systems to ensure that IE Bulletin 79-14 requirements have been met. A 100% re-inspection has been completed for 7 safety related systems comprising approximately 25% of the seismically analyzed piping. The safety related portions of the following systems have been re-inspected in accordance with GGNS Procedure No. 9645-SG-1, "IEB 79-14 Implementation Procedure" (this procedure was previously transmitted for your review):

- a. Standby Diesel Generator Systems (P75)
- b. Reactor Core Isolation Cooling System (E51)
- c. High Pressure Core Spray System (E22)
- d. Low Pressure Core Spray System (E21)
- e. Residual Heat Removal System (E12)
- f. Standby Liquid Control System (C41)
- g. Nuclear Boiler System (B21)

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In general, the 79-14 findings show that all the referenced piping systems meet the intent of IE Bulletin 79-14 and no major discrepancies were found between the "as-built" and "as-designed" conditions. The majority of the findings are due to ongoing construction and interferences which originally were planned to be resolved under the piping thermal expansion and vibration monitoring program during start-up testing. In only a few cases discrepancies found warranted piping reanalysis. All of them were on small bore piping. The revised analysis showed that the "as-built" configuration is acceptable and would not compromise the safety of the piping system.

As a result of our system walkdowns, we have generated a "punchlist" of all items requiring re-work, re-analysis or further inspection and/or evaluation. These items are identified on a system basis and are being worked off in the most expedient manner. A copy of the "punchlist" was provided to your Mr. W. Ang of Region II during his most recent visit to the Grand Gulf jobsite. We are working very closely with Mr. Ang to close out all open punchlist and inspection items.

Because the actions requested by IE Bulletin 79-14 are completed or committed for completion and closure of punchlist and inspection open items is being closely monitored by NRC Inspection & Enforcement personnel at the Grand Gulf jobsite, this letter constitutes our final formal response on IE Bulletin 79-14. Responses for open item completion will be generated as requested for the resolution of punchlist and inspection items.

We conclude that the results of the walkdown demonstrate an acceptable level of confidence that the normal piping and hanger installation, inspection and acceptance program is working and meets the IE Bulletin 79-14 requirements. Should you have questions or comments, please contact Mr. John D. Richardson.

Yours truly,



L. F. Dale
Manager of Nuclear Services

DDW/SHH/JDR:lm

cc: Mr. N. L. Stampley
Mr. G. B. Taylor
Mr. R. B. McGehee
Mr. T. B. Conner

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