

ENCLOSURE 1

NOTICE OF VIOLATION

Georgia Power Company
Vogtle Unit 2

Docket No. 50-425
License No. CPPER-109

During the Nuclear Regulatory Commission (NRC) inspection conducted on May 11-12, June 6-10, and July 11-14, 1988, violations of NRC requirements were identified. The violation involved pipe support design and construction. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (1988), the violation is listed below:

Criterion V of Appendix B to 10 CFR Part 50, as implemented by FSAR Chapter 17, Section 17.1.5 states in part: Activities affecting quality shall be prescribed by documented instructions, procedures, or drawings, ... and shall be accomplished in accordance with these instructions, procedures, or drawings.

1. Pullman Power Products Procedure X-24, "As-Building Piping Systems and Related Components", details requirements for as-building and documentation of information necessary for the performance of stress analysis reconciliation. Specifically Section 4.1.1, states that, "MyIars shall be revised to incorporate the as-built information when the actual dimension differs from the design dimension beyond applicable measurement tolerance, but is within allowable construction tolerance."

Contrary to the above, the following discrepancies were found to be properly 'redlined' and documented on a copy of the pipe support drawing in the PPP Process Package, but were not incorporated into the MyIars.

- o V2-1204-014-H004, the actual size of item 'b'.
- o V2-1204-014-H006, the dimension from the centerline W4 to the centerline of the embeded plate.
- o V2-1208-005-H007, the dimension for item #4 was shown on the drawing as 3 5/8", the inspectors measured in the field and the 'redline' drawing, both indicated that the dimension was 5 1/2".
- o V2-1208-145-H017, the pin-to-pin dimension of the spring can, drawing shows 12'-10 5/16", and the 'redline' and the dimension the inspectors measured was 12'-11".

- o V2-1208-145-H016, the Bill of Materials shows item #5 as 8" wide, the inspectors measured the dimension as 8 3/4", this is the same dimension as the 'redline' drawing.
 - o Isometric 2K3-1208-146-01, Detail 2 & 3, indicate a class change from 212/FG0, on Line 1208-145-4" to 414/FG4, on Line 1208-A20-1/2". The Line Designation List (LDL) shows 1208-A20-1/2" as 424/FG4. DCN-R #7, dated 2-3-86, changed the line to 414/FG4.
 - o V2-1208-145-H017, the location of the beam attachment on the drawing shows the 'as-built' dimension as 1'-3 1/2", documentation in the Process package and the Final Inspection Report, both show the dimension to be 1'-2 3/4".
 - o Isometric 2K3-1205-006-01, from DCN #8, the class information was not transferred correctly to the isometric. Also, not all the information from FEDCNR-2262, was transferred to the 'as-built' isometric.
2. Pullman Power Products, Procedure IX-50, "Pipe Support Field Installation and Fabrication Procedure", Section 11.1, states in part that, "Each support shall be visually inspected for compliance with the support drawing and this procedure." Section 12.5.1, states in part that, "The field engineers will as-built all supports in accordance with this procedure."

Contrary to the above, the above sections were not met in that, the following drawings, both P&ID and pipe supports were found to have discrepancies between the actual condition in the field and the drawing; or pertinent information was missing from support drawings.

- o V2-1208-055-H052, shows the angle iron, item 5, in the wrong orientation.
- o V2-1208-055-H014, in the Location Plan, the vertical pipe is shown as going in the (-)Y direction, in the field it is going in the (+)Y direction.
- o V2-1208-255-H002, the drawing shows the dimension from the centerline of item #2 to the centerline of the pipe as 1'-4 1/4" ACT., the inspectors measured 1'-2 1/4".
- o V2-1204-063-H004, the location of the attachment for V2-1204-201-H002, item #a, to the embed plate, shows the dimension from the right side of the embed plate to the attachment as 2 3/8", the inspectors measured 3 1/16".

- o P&ID 2X4DB122, shows a line, designated as Line 006-8", (coordinate C-5), and just to the left of TE 0613, should be Line 008-8".
 - o V2-1205-004-H016, in the process package, the "Strut Reconciliation Report" (SRR), of 5-26-87, indicates two struts were installed, SRR of 10-14-86, shows one strut and SRR of 5-18-88, indicates that two struts were installed. The pipe support drawing, (R/3), shows one strut. There is also a discrepancy of the offset angles, in SRR of 10-14-86, it indicates 3 degrees, SRR of 5-26-87, indicates 2 degrees.
 - o V2-1205-006-H014, the Process Package has two different issue tickets for the spring can that was installed, both for the same serial number of B015060, they also indicate two different spring can sizes.
 - o V2-1204-063-H007, was installed on the wrong vertical pipe. The support drawing had the correct location for the support.
3. Pullman Power Products, Procedure IX-50, "Pipe Support Field Installation and Fabrication Procedure", Section 6.6, states in part that, "The locating dimension on the attached support in relation to a connection point on the parent shall be documented on the attached support (baby) drawing."

Contrary to the above, the above section was not met in that, the following pipe support drawings, were found to not have the proper locating dimension of the baby supports.

- o V2-1208-215-H003, -H004, -H005, all three drawings did not have a locating dimension for the attached support (baby) in relation to a connection point on the parent support.

This is a Severity Level V violation (Supplement II.E).

Pursuant to the provisions of 10 CFR 2.201, is hereby required to submit a written statement or explanation to the Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555, with a copy to the Regional Administrator, Region II, and a copy to the NRC Resident Inspector, within 30 days of the date of the letter transmitting this Notice. This reply should be clearly marked as a "Reply to a Notice of Violation" and should include [for each violation]: (1) admission or denial of the violation, (2) the reason for the violation if admitted, (3) the corrective steps which have been taken and the results achieved, (4) the corrective steps which will be taken to avoid further violations, and (5) the date when full compliance will be achieved. Where good cause is shown, consideration will be given to extending the response time. If an adequate reply is not received within the

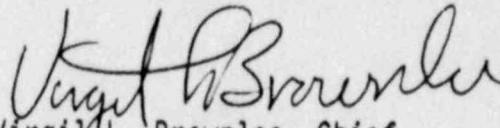
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time specified in this Notice, an order may be issued to show cause why the license should not be modified, suspended, or revoked or why such other action as may be proper should not be taken.

FOR THE NUCLEAR REGULATORY COMMISSION



Virgil L. Brownlee, Chief
Reactor Projects Branch 3
Division of Reactor Projects

Dated at Atlanta, Georgia
this 18 day of August 1988