

Appendix A

NOTICE OF VIOLATION

Public Service of
Indiana

Docket No. 50-546
Docket No. 50-547

Based on the inspection conducted on July 1-31, 1980, it appears that certain of your activities were not conducted in full compliance with NRC requirements as noted below. This item is an infraction.

10 CFR 50, Appendix B, Criterion XII states in part that, "Measures shall be established to assure that tools, gauges, instruments, and other measuring and testing devices used in activities affecting quality are properly controlled, calibrated, and adjusted at specified periods to maintain accuracy within necessary limits".

PSAR Marble Hill Quality Assurance Program - Chapter 17 (PSI letter Shields to Denton dated April 28, 1980) Section 1.12 states in part that, "PSI quality assurance specification requires that contracting organizations performing quality-related activities requiring use of measuring and test equipment establish measures to assure that tools, gauges, instruments, and other measuring and testing devices are of the proper type, range and accuracy for their application. To assure accuracy, the measuring devices are properly controlled, calibrated, and adjusted at specified periods or prior to use as required by approved procedures."

PSI Project Management Manual Procedure PMP 6.03, Revision 0, Section 5.3, dated March 8, 1980, requires the use of a generic matrix (Attachment 4) for maintenance of mechanical equipment and materials. Attachment 4 in part states, "If the equipment arrived with Nitrogen purge (if heat-exchanger shell and tube side as applicable), replace the pressure gauges by calibrated gauges and maintain positive pressure (approximately 5 to 10 psi). Check daily for the first five working days and weekly thereafter."

Contrary to the above:

PSI and their contractors failed to include the inert gas pressure gauges on some equipment in storage and in place in the calibration program. Examples of these are as follows:

- Unit 1 Steam Generators and Pressurizer
- Unit 1 and 2 Regenerative Heat Exchangers
- Unit 1 and 2 Excess Letdown Heat Exchangers
- Unit 1 and 2 Letdown Heat Exchangers
- Unit 1 and 2 Seal Water Heat Exchangers
- Unit 1 and 2 Residual Heat Exchangers

- Unit 2 Component Cooling Water Heat Exchangers

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