

POOR ORIGINAL

APPENDIX A
NOTICE OF VIOLATION

Virginia Electric and Power Company
North Anna Unit 1

License No. NPF-4

Based on the NRC inspection and investigation conducted September 25 - October 5, 1979, certain of your activities were apparently not conducted in full compliance with NRC requirements as indicated below. These items have been categorized as described in correspondence to you dated December 31, 1974.

- A. As required by 10 CFR 50.59(b) and paragraph 14.5.2 of the Nuclear Power Station Quality Assurance Manual, records shall be maintained of changes to the facility as described in the safety analysis report. These records shall include written safety evaluations which provide the bases for determining that the changes do not involve unreviewed safety questions.

Contrary to the above, a one-inch liquid waste line, LW-81-152 (FSAR Figure 11.2.2-1) was found disconnected on September 25, 1979, at the flanged connection for restricting orifice RO-LW-104 with an elbow installed in place of the orifice. The elbow was open to the auxiliary building atmosphere and was a flow path for the release of radioactive gases in the event of September 25, 1979. This change was made to a system component as described in the safety analysis report without the required evaluation.

This is an infraction. A similar item was brought to your attention in our letter dated May 25, 1979.

- B. As required by 10 CFR 50, Appendix A, Criterion 13, Instrumentation shall be provided to monitor variables and systems over their anticipated ranges for normal operation, for anticipated operational occurrences, and for accident conditions as appropriate to assure adequate safety, including those variables and systems that can affect the fission process, the integrity of the reactor core, the reactor coolant pressure boundary, and the containment and its associated systems. Appropriate controls shall be provided to maintain these variables and systems within prescribed operating ranges. Also, as required by 10 CFR 50.59(b) and paragraph 14.5.2 of the Nuclear Power Station Quality Assurance Manual, records shall be maintained of changes to the facility as described in the safety analysis report. These records shall include written safety evaluations which provide the bases for determining that the changes do not involve unreviewed safety questions.

Contrary to the above, the control switch for the Volume Control Tank (VCT) level control valve, LCV-1115A was observed to be mechanically held to the VCT position by means of pencil and paper clip, on September 28 and October 1, 1979, negating the automatic level control functions of the valve as described in the Unit 1 FSAR pages 9.3.4-7, 9.3.4-8, and 9.3.4-24. This change in system operation was also performed without the required evaluation.

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Use of a paper clip and pencil fails to satisfy the definition of appropriate controls to maintain variables and systems within prescribed operating ranges.

This is an infraction.

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