

APPENDIX A
NOTICE OF VIOLATION

Long Island Lighting Company

Docket No. 50-322

This refers to the inspection conducted by a representative of the Region I (Philadelphia) office at the Shoreham Nuclear Power Station, Shoreham, New York, of activities authorized by NRC Construction Permit No. CPPR-95.

During this inspection, conducted on October 1-31, 1979, the following apparent item of noncompliance was identified. This item is an infraction.

10 CFR 50, Appendix B, Criterion II, states, in part, that: "...Activities affecting quality shall be accomplished under suitably controlled conditions. Controlled conditions include... suitable environmental conditions for accomplishing the activity, such as adequate cleanness..."

The Shoreham FSAR, Appendix 3B, Paragraph 3B-1.38 states, in part, that: "S&W is complying with ANSI N45.2.2-1972, for receiving, storing, and handling of safety related components..."

1. ANSI N45.2.2-1972, Paragraph 2.4, states, in part, that: "Those personnel who perform inspection, examination or testing activities at the job site shall be qualified in accordance with N45.2.6." Paragraph 6.4.1 states, in part, that: "Inspections and examinations shall be performed and documented on a periodic basis...". Further, implementing procedure CSI 4.6, Paragraph 6.4.1, states in part, "The designated UNICO department shall periodically inspect and maintain equipment in storage".
2. ANSI N45.2.2-1972, Paragraph 6.6, states, in part, that: "Written records shall be prepared that include... storage location..."
3. ANSI N45.2.2-1972, Paragraph 6.4.1, states, in part, that: "Inspections and examinations shall be performed and documented on a periodic basis to assure that the integrity of the item... is being maintained... The characteristics verified during this inspection or examination shall include... cleanness."
4. ANSI N45.2.2-1972, Paragraph 6.4.2(1), states, in part, that: "Items in storage shall have all covers, caps, plugs or other closures intact... Covers removed for internal access to any time for any reason shall be immediately replaced and resealed after completion of the purpose for removal."
5. ANSI N45.2.2-1972, Paragraph 6.4.2(5), states: "Space heaters enclosed in electrical items shall be energized."

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Contrary to the above, activities affecting quality were not accomplished under suitably controlled conditions in that:

1. As of October 31, 1979 periodic inspections by personnel qualified in accordance with ANSI N45.2.6 were not performed to ensure the control of items in storage as required by ANSI N45.2.2.
2. No mechanism exists to update the Equipment Storage History Cards at the time when equipment changes location either in the warehouse or from the warehouse to a permanent inplant location.
3. Periodic cleanness checks are not specified for many of the components stored in the plant (e.g., Standby Liquid Control Pumps and Motors, Core Spray Motors, and Residual Heat Removal Pumps and Motors). Additionally, as noted on inspections conducted between October 3 and October 11, 1979, many components were not maintained with adequate cleanness.
4. Caps, covers or plugs were noted to have been removed and not immediately replaced on several Category I component during inspections conducted between October 3 and October 26, 1979.
5. The space heaters in panels 1H21*PNL10 and 1H21*PNL 26 were found to be de-energized on October 16, 1979.