

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-I-86-14

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region I staff on this date.

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| Facility: Vermont Yankee Nuclear | Licensee Emergency Classification: |
| Vermont Yankee | <input type="checkbox"/> Notification of Unusual Event |
| Vernon, Vermont | <input type="checkbox"/> Alert |
| Docket No. 50-271 | <input type="checkbox"/> Site Area Emergency |
| | <input type="checkbox"/> General Emergency |
| | <input checked="" type="checkbox"/> Not Applicable |

Subject: INOPERABLE SLC SYSTEM DUE TO MISWIRING

During the refueling surveillance test of the Standby Liquid Control (SLC) System on February 8, 1986, the A squib valve failed to open (fire) when the system was actuated. Subsequent licensee evaluation determined that the firing circuit was miswired. The wiring error appears to exist in the B squib valve circuit also, although this valve has not been tested yet. With both valves being unable to be opened, the SLC System is inoperable.

The reactor is currently defueled, as part of an extended outage for piping replacement begun in September, 1985, and the SLC System is not required to be operable. However, the last successful testing of the valves occurred in July, 1984, during the last refueling outage. The licensee has not determined when the miswiring error occurred, and initial evaluations have not found any maintenance or modification work which would have caused the error. The wiring error existed in the local terminal box and was not determinable via the continuity test light in the control room, which is routinely monitored by the operators.

The State of Vermont has been notified.

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| | | | | (Reactor Licensees) | |

Region I Form 83
(Rev. July, 1984)

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