

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Vermont Yankee Nuclear Power Station	DOCKET NUMBER (2) 0 5 0 0 0 2 7 1	PAGE (3) 1 OF 0 2
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TITLE (4)
Reactor Scram While Shutdown for Maintenance

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)																																											
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)																																									
0 7	2 8	8 4	8 4	0 1 6	0 0	0 8	2 1 4	8 4			0 5 0 0 0																																									
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">OPERATING MODE (8)</td> <td style="width:15%;">N</td> <td colspan="10">THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)</td> </tr> <tr> <td rowspan="5">POWER LEVEL (10) 0 0 0</td> <td>20.402(b)</td> <td>20.408(a)</td> <td><input checked="" type="checkbox"/></td> <td>80.73(a)(2)(iv)</td> <td>73.71(b)</td> </tr> <tr> <td>20.408(a)(1)(i)</td> <td>80.73(a)(1)</td> <td><input type="checkbox"/></td> <td>80.73(a)(2)(v)</td> <td>73.71(c)</td> </tr> <tr> <td>20.408(a)(1)(ii)</td> <td>80.73(a)(2)</td> <td><input type="checkbox"/></td> <td>80.73(a)(2)(vi)</td> <td rowspan="3">OTHER (Specify in Abstract below and in Text, NRC Form 365A)</td> </tr> <tr> <td>20.408(a)(1)(iii)</td> <td>80.73(a)(2)(i)</td> <td><input type="checkbox"/></td> <td>80.73(a)(2)(vii)(A)</td> </tr> <tr> <td>20.408(a)(1)(iv)</td> <td>80.73(a)(2)(ii)</td> <td><input type="checkbox"/></td> <td>80.73(a)(2)(vii)(B)</td> </tr> <tr> <td>20.408(a)(1)(v)</td> <td>80.73(a)(2)(iii)</td> <td><input type="checkbox"/></td> <td>80.73(a)(2)(x)</td> <td></td> </tr> </table>												OPERATING MODE (8)	N	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)										POWER LEVEL (10) 0 0 0	20.402(b)	20.408(a)	<input checked="" type="checkbox"/>	80.73(a)(2)(iv)	73.71(b)	20.408(a)(1)(i)	80.73(a)(1)	<input type="checkbox"/>	80.73(a)(2)(v)	73.71(c)	20.408(a)(1)(ii)	80.73(a)(2)	<input type="checkbox"/>	80.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 365A)	20.408(a)(1)(iii)	80.73(a)(2)(i)	<input type="checkbox"/>	80.73(a)(2)(vii)(A)	20.408(a)(1)(iv)	80.73(a)(2)(ii)	<input type="checkbox"/>	80.73(a)(2)(vii)(B)	20.408(a)(1)(v)	80.73(a)(2)(iii)	<input type="checkbox"/>	80.73(a)(2)(x)	
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LICENSEE CONTACT FOR THIS LER (12)

NAME James P. Pelletier, Plant Manager	TELEPHONE NUMBER AREA CODE: 8 0 2 2 5 7 - 7 7 1 1
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

On 7/28/84 the reactor was shut down with the mode switch in shutdown. Maintenance was being performed on the Reactor Protective System Motor Generators (RPSMG). The "B" side of the Reactor Protective System was being powered from the alternate source. When "A" Recirc MG set was started a voltage dip on the 480V bus caused the alternate supply breaker to trip resulting in a reactor scram.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

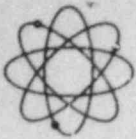
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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		8 4	0 1 6	0 0	0 2	OF 0 2

TEXT (If more space is required, use additional NRC Form 366A's) (17)

On 7/28/84 the reactor was shut down for maintenance with the mode switch in shutdown. The reactor was in a half scram condition due to maintenance being performed on the "A" Reactor Protective System Motor Generator (RPSMG). The "B" side of the Reactor Protective System was being powered from the alternate supply due to maintenance on the "B" RPSMG. When "A" Recirc MG set was started for testing at 1300 a voltage dip on the 480V bus caused the alternate supply breaker to trip on undervoltage resulting in a full scram due to loss of power to the protective system. The breaker was reclosed and after verifying the "B" side of the Protective System was functioning properly the scram was reset.

There have been no similar occurrences reported to the Commission.

There were no potential adverse effects to public health and safety.



VERMONT YANKEE NUCLEAR POWER CORPORATION

P. O. BOX 157
GOVERNOR HUNT ROAD
VERNON, VERMONT 05354

VYV 84-431

August 24, 1984

U. S. Nuclear Regulatory Commission
Document No. 50-271
Washington, D. C. 20555

REFERENCE: Operating License DPR-28
Docket No. 50-271
Reportable Occurrence No. LER 84-16

Dear Sirs:

As defined by 10CFR50.73, we are reporting the attached Reportable Occurrence as LER 84-16.

Very truly yours,

James P. Pelletier
Plant Manager

RDP/cjm

cc: Regional Administrator
USNRC Office of Inspection and Enforcement
Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406

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