

LICENSEE EVENT REPORT

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

1 N Y I P S 2 7 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5

N/T

1 L 6 0 5 0 0 0 2 4 7 7 0 1 2 5 8 3 8 0 2 2 4 8 3 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

2 During normal full power operation the reactor operator observed that all fifty

3 three control rod position indicators (RPI) had shifted downscale by approximately

4 24%. A load reduction was immediately initiated in accordance with Tech. Spec. 3.106

5 Approx. two hours later the problem corrected, the power decrease was halted and the

6 plant returned to the full power condition. No actual control rod misalignment or

7 motion occurred and the health and safety of the public were not affected.

8 L 9 8

<p>SYSTEM CODE</p> <p>I 9 11</p>	<p>CAUSE CODE</p> <p>B 12</p>	<p>CAUSE SUBCODE</p> <p>B 13</p>	<p>COMPONENT CODE</p> <p>I N S T R U 14</p>	<p>COMP. SUBCODE</p> <p>Y 15</p>	<p>VALVE SUBCODE</p> <p>4 16</p>				
<p>EVENT YEAR</p> <p>8 3</p>		<p>SEQUENTIAL REPORT NO.</p> <p>0 0 2</p>		<p>OCCURRENCE CODE</p> <p>0 3</p>		<p>REPORT TYPE</p> <p>L</p>		<p>REVISION NO.</p> <p>0</p>	
<p>LER/RO REPORT NUMBER</p> <p>17</p>	<p>ACTION TAKEN</p> <p>X 18</p>	<p>FUTURE ACTION</p> <p>F 19</p>	<p>EFFECT ON PLANT</p> <p>B 20</p>	<p>SHUTDOWN METHOD</p> <p>Z 21</p>	<p>HOURS</p> <p>0 0 0 2 22</p>	<p>ATTACHMENT SUBMITTED</p> <p>Y 23</p>	<p>NPRD-4 FORM SUB.</p> <p>N 24</p>	<p>PRIME COMP. SUPPLIER</p> <p>N 25</p>	<p>COMPONENT MANUFACTURER</p> <p>W 1 2 0 26</p>

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

0 The cause of faulty RPI was determined to be an anomalous condition on the recently

1 installed Westinghouse Proteus 2500 Computer Signal Input Cards. When A.C. power

2 is removed from the computer, the input resistance is greatly reduced thus causing

3 a loading effect on the RPI System. The Computer input circuit resistance has been

4 increased to eliminate the interaction problem with the RPIs.

<p>FACILITY STATUS</p> <p>E 28</p>	<p>% POWER</p> <p>1 0 0 29</p>	<p>OTHER STATUS</p> <p>NA 30</p>	<p>METHOD OF DISCOVERY</p> <p>A 31</p>	<p>DISCOVERY DESCRIPTION</p> <p>Operator Observation 32</p>
<p>ACTIVITY CONTENT</p> <p>Z 33</p>		<p>AMOUNT OF ACTIVITY</p> <p>2 34</p>		<p>LOCATION OF RELEASE</p> <p>NA 36</p>
<p>PERSONNEL EXPOSURES</p> <p>0 0 0 37</p>		<p>DESCRIPTION</p> <p>2 38</p>		
<p>PERSONNEL INJURIES</p> <p>0 0 0 40</p>		<p>DESCRIPTION</p> <p>NA 41</p>		
<p>LOSS OF OR DAMAGE TO FACILITY</p> <p>Z 42</p>		<p>DESCRIPTION</p> <p>NA 43</p>		
<p>PURB CITY</p> <p>N 44</p>		<p>DESCRIPTION</p> <p>NA 45</p>		

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PDR AD0CK 05000247
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NRC USE ONLY

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ATTACHMENT

Docket No. 50-247
LER 82-002-03L-0

Consolidated Edison Co. of N.Y., Inc.
Indian Point Station, Unit #2

Event Description and Probable Consequences

During normal full power operation, the reactor operator observed that all fifty three control rod position indicators (RPI) had shifted downscale by approximately 24%. A load reduction was immediately initiated in accordance with Tech. Spec. 3.106. Approximately two hours later the problem was corrected, the power decrease was halted and the plant returned to the full power condition. No actual control rod misalignment or motion occurred and the health and safety of the public were not affected.

Cause Description and Corrective Actions

The cause of faulty RPI was determined to be an anomalous condition on the recently installed Westinghouse Proteus 2500 Computer Signal Input Cards. When A.C. power is removed from the computer, the input resistance is greatly reduced thus causing a loading effect on the RPI system. The Computer input circuit resistance has been increased to eliminate the interaction problem with the RPIs. In addition, all other plant/computer interfaces were reviewed and it has been concluded that such an occurrence is not expected for these other interfaces because of their high impedance.