

CONTROL BLOCK:  (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 P A S E S I 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4  5  
7 8 9 14 15 25 26 30 37 38

CONT

0 1 REPORT SOURCE L 6 0 5 0 0 0 3 8 7 0 7 0 7 8 3 8  9  
7 8 60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 During testing to demonstrate the operability of the RCIC system, the RCIC turbine  
0 3 tripped. The turbine had tripped two days earlier (7/5/83) when the system  
0 4 initiated on low reactor water level following a scram. RCIC is not an Emergency  
0 5 Core Cooling System (ECCS) and is not required for a safe shutdown following an  
0 6 accident. There were no adverse consequences to public health and safety.  
0 7  
0 8

0 9 C E 11 B 12 A 13 V A L V E X 14 H 15 G 16  
7 8 9 10 11 12 13 14 15 16  
17 LER/RO REPORT NUMBER 8 3 1 0 3 0 3 L 0  
21 22 23 24 25 26 27 28 29 30 31 32  
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRO-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER  
18 19 20 21 22 23 24 25 26 27 28 29 30 31 32  
F X Z Z 0 0 0 0 Y N N T 1 4 7  
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Based on vendor (Terry Turbine) recommendations, clearances between the governor  
1 1 valve and bonnet guide sleeve were measured and found restrictive. The governor  
1 2 valve was reworked to updated vendor specifications and the system successfully  
1 3 retested. Additional manual initiations of RCIC will be performed to verify  
1 4 reliability.

1 5 C 28 0 2 5 29 NA 30 A 31 Observation 32  
7 8 9 10 11 12 13 14 15 16 17 18 19 20  
1 6 Z 33 Z 34 NA 35 NA 36  
7 8 9 10 11 12 13 14 15 16 17 18 19 20  
1 7 0 0 0 37 Z 38 NA 39  
7 8 9 10 11 12 13 14 15 16 17 18 19 20  
1 8 0 0 0 40 NA 41  
7 8 9 10 11 12 13 14 15 16 17 18 19 20  
1 9 Z 42 NA 43  
7 8 9 10 11 12 13 14 15 16 17 18 19 20  
2 0 N 44 NA 45  
7 8 9 10 11 12 13 14 15 16 17 18 19 20

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PDR ADOCK 05000387  
S PDR

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1/1

NAME OF PREPARER A.P. Piemontese

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ATTACHMENT

LER # 83-103/03L-0

Pennsylvania Power & Light Company  
Susquehanna Steam Electric Station  
Docket Number: 50-387

Upon initiation of the RCIC system a ramp generator control the turbine speed increase to rated speed. This ramp function is initiated when the steam supply valve leaves the fully closed position. The turbine governor valve #15013 closes and slowly opens in response to the ramp signal. With the tolerances too low, the governor valve closure response time could be increased, resulting in an overspeed trip.

After the governor valve was reworked the system was successfully retested.

The RCIC system is not an Emergency Core Cooling system and is not an accident mitigating system, therefore, the safety of the plant was not affected.



Pennsylvania Power & Light Company

Two North Ninth Street • Allentown, PA 18101 • 215 / 770-5151

August 5, 1983

Dr. Thomas E. Murley  
Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406

SUSQUEHANNA STEAM ELECTRIC STATION  
LICENSEE EVENT REPORT 83-103/03L-0  
ER 100450 FILE 841-23  
PLA-1782

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Dear Dr. Murley:

Attached is Licensee Event Report No. 83-103/03L-0. This event was determined to be reportable per Technical Specification 6.9.1.9.b, in that the Reactor Core Isolation Cooling (RCIC) turbine tripped during testing. The system has been reworked and successfully retested. RCIC is not an Emergency Core Cooling system and does not affect the safe shutdown of the plant.

H.W. Keiser  
Superintendent of Plant-Susquehanna

APP/pjg

Attachment

cc: G.G. Rhoads  
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