

SEP 10 1982

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Docket Nos. 50-272
and 50-311

Mr. R. A. Uderitz, Vice President -
Nuclear
Public Service Electric and Gas Company
Mail Code T15A
Post Office Box 570
Newark, New Jersey 07101

Dear Mr. Uderitz:

By letter dated July 23, 1982 we issued Amendment No. 45 to Facility Operating License No. DPR-70 and Amendment No. 10 to Facility Operating License No. DPR-75 for Salem Units 1 and 2 respectively. These amendments revised the Technical Specifications for both Units to provide undervoltage protection to the emergency safety features actuation instrumentation system. Through an error in pagination, the revised Technical Specification pages did not reflect changes made earlier. I am enclosing replacement pages to rectify this mistake.

Sincerely,

Original signed by
S. A. Varga

Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing

Enclosures:
Corrected Technical Specification
Pages for Salem 1 and 2

cc w/enclosures:
See next page

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PDR ADDCK 05000272
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OFFICE	ORB#1:DL	ORB#1:DL	ORB#1:DL				
SURNAME	CParrish	WRoss	SVarga				
DATE	09/12/82	09/07/82	09/15/82				

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TABLE 4.3-2 (Continued)

ENGINEERED SAFETY FEATURE ACTUATION SYSTEM INSTRUMENTATION
SURVEILLANCE REQUIREMENTS

<u>FUNCTIONAL UNIT</u>	<u>CHANNEL CHECK</u>	<u>CHANNEL CALIBRATION</u>	<u>CHANNEL FUNCTIONAL TEST</u>	<u>MODES IN WHICH SURVEILLANCE REQUIRED</u>
4. STEAM LINE ISOLATION				
a. Manual	N.A.	N.A.	R	1, 2, 3
b. Automatic Actuation Logic	N.A.	N.A.	M(2)	1, 2, 3
c. Containment Pressure-- High-High	S	R	M(3)	1, 2, 3
d. Steam Flow in Two Steam Lines--High Coincident with T _{AVG} -- Low or Steam Line Pressure--Low	S	R	M	1, 2, 3
5. TURBINE TRIP AND FEEDWATER ISOLATION				
a. Steam Generator Water Level--High-High	S	R	M	1, 2, 3
6. SAFEGUARDS EQUIPMENT CONTROL SYSTEM (SEC) LOGIC				
a. Inputs	N.A.	N.A.	M	1, 2, 3, 4
b. Logic, Timing and Outputs	N.A.	N.A.	M(1)	1, 2, 3, 4
7. UNDERVOLTAGE, VITAL BUS				
a. Loss of Voltage	S	R	M	1, 2, 3
b. Sustained Degraded Voltage	S	R	M	1, 2, 3

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SALEM - UNIT 1

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Amendment No. 45

TABLE 3.3-4 (Continued)ENGINEERED SAFETY FEATURE ACTUATION SYSTEM INSTRUMENTATION TRIP SETPOINTS

<u>FUNCTIONAL UNIT</u>	<u>TRIP SETPOINT</u>	<u>ALLOWABLE VALUES</u>
5. TURBINE TRIP AND FEEDWATER ISOLATION		
a. Steam Generator Water Level-- High-High	< 67% of narrow range instrument span each steam generator	< 68% of narrow range instrument span each steam generator
6. SAFEGUARDS EQUIPMENT CONTROL SYSTEM (SEC)	Not Applicable	Not Applicable
7. UNDERVOLTAGE, VITAL BUS		
a. Loss of Voltage	> 70% of bus voltage	> 65% of bus voltage
b. Sustained Degraded Voltage	≥ 91% of bus voltage for ≤ 13 seconds	≥ 90% of bus voltage for ≤ 15 seconds
8. AUXILIARY FEEDWATER		
a. Automatic Actuation Logic	Not Applicable	Not Applicable
b. Steam Generator Water Level-low-low	> 18% of narrow range instrument span each steam generator	> 17% of narrow range instrument span each steam generator
c. Undervoltage - RCP	≥ 70% RCP bus voltage	≥ 65% RCP bus voltage
d. S.I.	See 1 Above (All S.I. setpoints)	
e. Trip of Main Feedwater Pumps	Not Applicable	Not Applicable

TABLE 3.3-4 (Continued)

ENGINEERED SAFETY FEATURE ACTUATION SYSTEM INSTRUMENTATION TRIP SETPOINTS

<u>FUNCTIONAL UNIT</u>	<u>TRIP SETPOINT</u>	<u>ALLOWABLE VALUES</u>
5. TURBINE TRIP AND FEEDWATER ISOLATION		
a. Steam Generator Water Level-- High-High	< 67% of narrow range Instrument span each steam generator	< 68% of narrow range Instrument span each steam generator
6. SAFEGUARDS EQUIPMENT CONTROL SYSTEM (SEC)	Not Applicable	Not Applicable
7. UNDERVOLTAGE, VITAL BUS		
a. Loss of Voltage	≥ 70% of bus voltage	≥ 65% of bus voltage
b. Sustained Degraded Voltage	≥ 91% of bus voltage for ≤ 13 seconds	≥ 90% of bus voltage for ≤ 15 seconds
8. AUXILIARY FEEDWATER		
a. Automatic Actuation Logic	Not Applicable	Not Applicable
b. Steam Generator Water Level-low-low	> 18% of narrow range Instrument span each steam generator	> 17% of narrow range Instrument span each steam generator
c. Undervoltage - RCP	≥ 70% RCP bus voltage	≥ 65% RCP bus voltage
d. S.I.	See 1 Above (All S.I. setpoints)	
e. Emergency Trip of Steam Generator Feedwater Pumps	Not Applicable	Not Applicable
f. Station Blackout	See 6 and 7 above (SEC and Undervoltage, Vital Bus)	

SALEM - UNIT 1

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Amendment No. 45