

TABLE 3.3-4 (Continued)

ENGINEERED SAFETY FEATURE ACTUATION SYSTEM INSTRUMENTATION TRIP SETPOINTS

<u>FUNCTIONAL UNIT</u>	<u>TRIP SETPOINTS</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. Manual Initiation	Not Applicable	Not Applicable
c. Steam Generator Water Level -- Low-Low	> 8.5% of narrow range Instrument span each steam generator	> 7.5% of narrow range Instrument span each steam generator
d. Undervoltage - RCP	> 70% RCP bus voltage	> 65% RCP bus voltage
e. S.I.	See 1 above (All S.I. setpoints)	
f. Emergency Trip of Steam Generator Feedwater Pumps	Not Applicable	Not Applicable
g. Station Blackout	See 6 and 7 above (SEC and Undervoltage, Vital Bus)	

SALEM - UNIT 1

3/4 3-26

AMENDMENT NO. 56

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TABLE 3.3-4 (Continued)

ENGINEERED SAFETY FEATURE ACTUATION SYSTEM INSTRUMENTATION TRIP SETPOINTS

<u>FUNCTIONAL UNIT</u>	<u>TRIP SETPOINTS</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. Manual Initiation	Not Applicable	Not Applicable
c. Steam Generator Water Level -- Low-Low	> 8.5% of narrow range Instrument span each steam generator	> 7.5% of narrow range Instrument span each steam generator
d. Undervoltage - RCP	> 70% RCP bus voltage	> 65% RCP bus voltage
e. S.I.	See 1 above (All S.I. setpoints)	
f. Trip of Main Feedwater Pumps	Not Applicable	Not Applicable