

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
<p>E. Diesel driven CL pumps stored fuel oil supply &lt; 17,000 gal.</p> <p><u>OR</u></p> <p>Required Action and associated Completion Time of Condition D not met.</p>	<p>E.1 Declare diesel driven CL pumps inoperable.</p>	<p>Immediately</p>

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
<p>SR 3.7.8.1 -----NOTE----- Isolation of CL flow to individual components does not render the CL System inoperable. ----- Verify each CL System manual, power operated, and automatic valve in the flow path servicing safety related equipment, that is not locked, sealed, or otherwise secured in position, is in the correct position.</p>	<p>31 days</p>
<p>SR 3.7.8.2 Verify each required diesel driven CL pump starts and assumes load within one minute.</p>	<p>31 days</p>

SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE	FREQUENCY
SR 3.7.8.3 Verify stored diesel driven CL pumps fuel oil supply $\geq$ 19,500 gal.	31 days
SR 3.7.8.4 Verify OPERABILITY of required vertical motor driven CL pump.	92 days
SR 3.7.8.5 Verify each CL System automatic valve required to mitigate accidents that is not locked, sealed, or otherwise secured in position, actuates to the correct position on an actual or simulated actuation signal.	24 months
SR 3.7.8.6 Verify the required diesel driven and required vertical motor driven CL pumps start automatically on an actual or simulated actuation signal.	24 months

3.8 ELECTRICAL POWER SYSTEMS

3.8.1 AC Sources-Operating

LCO 3.8.1 The following AC electrical sources shall be OPERABLE:

- a. Two paths between the offsite transmission grid and the onsite 4 kV Safeguards Distribution System; and
- b. Two diesel generators (DGs) capable of supplying the onsite 4 kV Safeguards Distribution System.

APPLICABILITY: MODES 1, 2, 3, and 4.

ACTIONS

-----NOTE-----  
LCO 3.0.4.b is not applicable to DGs.  
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CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One required path inoperable.	A.1 Perform SR 3.8.1.1 for the OPERABLE path.  <u>AND</u>	1 hour  <u>AND</u>  Once per 8 hours thereafter

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
SR 3.8.1.1    Verify correct breaker alignment and indicated power availability for each required path.	7 days
SR 3.8.1.2    -----NOTES----- 1. Performance of SR 3.8.1.6 satisfies this SR.  2. All DG starts may be preceded by an engine prelube period and followed by a warmup period prior to loading.  3. A modified DG start involving idling and gradual acceleration to synchronous speed may be used for this SR in consideration of manufacturer's recommendations. When modified start procedures are not used, the time, voltage, and frequency tolerances of SR 3.8.1.6 must be met.  -----  Verify each DG starts from standby conditions and achieves steady state voltage $\geq 3740$ V and $\leq 4580$ V, and frequency $\geq 58.8$ Hz and $\leq 61.2$ Hz.	31 days

SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE	FREQUENCY
<p>SR 3.8.1.3 -----NOTES-----</p> <ol style="list-style-type: none"> <li>1. DG loadings may include gradual loading in consideration of manufacturer's recommendations.</li> <li>2. Momentary transients outside the load range do not invalidate this test.</li> <li>3. This Surveillance shall be conducted on only one DG at a time.</li> <li>4. This SR shall be preceded by and immediately follow without shutdown a successful performance of SR 3.8.1.2 or SR 3.8.1.6.</li> </ol> <p>-----</p> <p>Verify each DG is synchronized and loaded and operates for <math>\geq 60</math> minutes at a load:</p> <ol style="list-style-type: none"> <li>a. Unit 1; <math>\geq 1650</math> kW; and</li> <li>b. Unit 2; <math>\geq 5100</math> kW and <math>\leq 5300</math> kW.</li> </ol>	<p>31 days</p>
<p>SR 3.8.1.4 Verify fuel oil level above lower limit switch in each day tank.</p>	<p>31 days</p>
<p>SR 3.8.1.5 Verify the fuel oil transfer system operates to transfer fuel oil from storage tank to the day tank.</p>	<p>31 days</p>

## SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
SR 3.9.3.1 Perform CHANNEL CHECK of required channels.	12 hours
SR 3.9.3.2 -----NOTE----- Neutron detectors are excluded from CHANNEL CALIBRATION. ----- Perform CHANNEL CALIBRATION of required channels.	24 months