

ATTACHMENT 2

LIMERICK GENERATING STATION

Docket Nos. 50-352  
50-353

License Nos NPF-39  
NPF-85

PROPOSED TECHNICAL SPECIFICATIONS CHANGES

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Unit 2

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SEISMIC MONITORING INSTRUMENTATION SURVEILLANCE REQUIREMENTS

<u>INSTRUMENTS AND SENSOR LOCATIONS</u>	<u>CHANNEL CHECK</u>	<u>CHANNEL FUNCTIONAL TEST</u>	<u>CHANNEL CALIBRATION</u>
c. Triaxial Seismic Trigger (S/T)			
1) XSH-VA-001 (Activates Items 1.b.1) thru 5) above)	N.A.	SA	R
2. Triaxial Peak Recording Accelerograph (P/A's)			
a. XP-VA-151 Reactor Equipment (Top of reactor vessel head)	N.A.	N.A.	*
b. XR-VA-152 Reactor Piping (Mn. Stm. Line 'D,' E1 313', in containment)	N.A.	N.A.	R
c. XR-VA-153 Reactor Equipment Outside Containment (RHR Heat Exchanger, Loc. 203-R15-201)	N.A.	N.A.	R
3. Triaxial Seismic Switches			
a. XSHH-VA-001 Primary Containment Foundation (Loc. 118-R16-177)	N.A.	SA	R
4. Triaxial Response Spectrum Analyzer (RSA)	N.A.	SA	R

\* The calibration frequency for this instrument is once per 24 months.

## REACTOR COOLANT SYSTEM

### 3/4.4.2 SAFETY/RELIEF VALVES

#### LIMITING CONDITION FOR OPERATION

3.4.2 The safety valve function of at least 11 of the following reactor coolant system safety/relief valves shall be OPERABLE with the specified code safety valve function lift settings:\*#

- 4 safety/relief valves 1130 psig  $\pm 1\%$
- 5 safety/relief valves 1140 psig  $\pm 1\%$
- 5 safety/relief valves 1150 psig  $\pm 1\%$

APPLICABILITY: OPERATIONAL CONDITIONS 1, 2, and 3.

#### ACTION:

- a. With the safety valve function of one or more of the above required safety/relief valves inoperable, be in at least HOT SHUTDOWN within 12 hours and in COLD SHUTDOWN within the next 24 hours.
- b. With one or more safety/relief valves stuck open, provided that suppression pool average water temperature is less than 105°F, close the stuck open safety/relief valve(s); if unable to close the stuck open valve(s) within 2 minutes or if suppression pool average water temperature is 110°F or greater, place the reactor mode switch in the Shutdown position.
- c. With one or more safety/relief valve acoustic monitors inoperable, restore the inoperable acoustic monitors to OPERABLE status within 7 days or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.

#### SURVEILLANCE REQUIREMENTS

4.4.2.1 The acoustic monitor for each safety/relief valve shall be demonstrated OPERABLE with the setpoint verified to be 0.20 of the full open noise level## by performance of a:

- a. CHANNEL FUNCTIONAL TEST at least once per 31 days, and a
- b. CHANNEL CALIBRATION at least once per 18 months\*\*.

4.4.2.2 At least 1/2 of the safety relief valves shall be removed, set pressure tested and reinstalled or replaced with spares that have been previously set pressure tested and stored in accordance with manufacturer's recommendations at least once per 24 months, and they shall be rotated such that all 14 safety relief valves are removed, set pressure tested and reinstalled or replaced with spares that have been previously set pressure tested and stored in accordance with manufacturer's recommendations at least once per 54 months.

\* The lift setting pressure shall correspond to ambient conditions of the valves at nominal operating temperatures and pressures.

\*\* The provisions of Specification 4.0.4 are not applicable provided the Surveillance is performed within 12 hours after reactor steam pressure is adequate to perform the test.

# Up to 2 inoperable valves may be replaced with spare OPERABLE valves with lower setpoints until the next refueling.

## Initial setting shall be in accordance with the manufacturer's recommendation. Adjustment to the valve full open noise level shall be accomplished during the startup test program.

TABLE 4.3.7.2-1 (Continued)

SEISMIC MONITORING INSTRUMENTATION SURVEILLANCE REQUIREMENTS

<u>INSTRUMENTS AND SENSOR LOCATIONS</u>	<u>CHANNEL CHECK</u>	<u>CHANNEL FUNCTIONAL TEST</u>	<u>CHANNEL CALIBRATION</u>
c. Triaxial Seismic Trigger (S/T)			
1) XSH-VA-001 (Activates Items 1.b.1) thru 5) above)	N.A.	SA	R
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b. XR-VA-152 Reactor Piping (Mn. Stm. Line 'D,' El 313', in containment)	N.A.	N.A.	R
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APPLICABILITY: OPERATIONAL CONDITIONS 1, 2, and 3.

#### ACTION:

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- b. With one or more safety/relief valves stuck open, provided that suppression pool average water temperature is less than 105°F, close the stuck open safety/relief valve(s); if unable to close the stuck open valve(s) within 2 minutes or if suppression pool average water temperature is 110°F or greater, place the reactor mode switch in the Shutdown position.
- c. With one or more safety/relief valve acoustic monitors inoperable, restore the inoperable acoustic monitors to OPERABLE status within 7 days or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.

#### SURVEILLANCE REQUIREMENTS

4.4.2.1 The acoustic monitor for each safety/relief valve shall be demonstrated OPERABLE with the setpoint verified to be 0.20 of the full open noise level## by performance of a:

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