

3.4.3 (Contd)

of the supply line to the control rod drive hydraulic system. Valves in this control rod hydraulic system line shall fail open to insure continuous water supply, and backup isolation shall be provided by integral valves in the control rod drive pumps.

(c) Closing times on motor-operated isolation valves shall be as follows:

<u>Description</u>	<u>Closing Time (Seconds)</u>
Main Steam (MO-7050)	60
Main Steam Drain (MO-7065)	60

3.5 POST-INCIDENT SPRAY SYSTEM

Containment effectiveness shall be supplemented by a containment sphere post-incident spray system in the event of an accident involving loss of coolant from a primary system rupture.

3.5.1 Design Features Shall Be as Follows:

- (a) Number of Sets of Spray Nozzles 2
- (b) Capacity of Sprays, Gpm per Set 400
- (c) Nozzle Pressure, Psia 100
- (d) System Actuation 1 Set Automatic D-C Operated  
1 Set Remote Manual A-C Operated
- (e) Signal Used To Actuate High Containment Sphere Pressure
- (f) Signal Trip Setting 2 Psi Above Atmospheric
- (g) Reserve Water Supply Lake Michigan

3.5.2 Operating Requirements

(a)

(Deleted)

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POOR ORIGINAL

Limiting Conditions for Operation	Surveillance Requirement
<p>11.3.3.4 <u>CONTAINMENT SPRAY SYSTEM</u></p> <p><u>Applicability:</u></p> <p>Applies to the operating status of the containment spray system.</p> <p><u>Objective:</u></p> <p>To assure the capability of the containment spray system to reduce containment pressure in the event of a loss of Coolant Accident.</p> <p><u>Specification:</u></p> <p>A. During power operation each of the two containment spray systems shall be operable, except that the power supply breaker (52-2B45) must be locked open to preclude inadvertent operation of MO-7068.</p> <p>B. If Specification A is not met, a normal orderly shutdown shall be initiated within 24 hours and the reactor shall be shut down as described in Section 1.2.5(a) within 12 hours and shut down as described in Section 1.2.5(a) and (b) within the following 24 hours.</p> <p>C. Operability of the fire water supply and recirculation systems is governed by Specification 11.3.1.4.</p>	<p>11.4.3.4 <u>CONTAINMENT SPRAY SYSTEM</u></p> <p><u>Applicability:</u></p> <p>Applies to the testing of the containment spray system.</p> <p><u>Objective:</u></p> <p>To verify the operability of the containment spray system.</p> <p><u>Specification:</u></p> <p>A. Once each operating cycle, the following shall be performed:</p> <ol style="list-style-type: none"><li>1. Automatic actuation of the containment spray valve MO-7064 (with water flow manually blocked).</li><li>2. Calibration of flow instrumentation.</li></ol> <p>B. At least once every refueling outage, not to exceed eighteen (18) months, the following shall be performed prior to start-up:</p> <p>Verify operability of power-operated valves required for proper system actuation.</p> <p>C. Surveillance of fire water supply and recirculation systems is governed by Specification 11.4.1.4.</p> <p>D. Instrument channels shall be tested and calibrated as listed in Table 11.4.3.4(a).</p> <p>E. Each month verify that power supply breaker 52-2B45 for MO-7068 is locked open.</p>