

Docket No. 50-336  
B14005

Attachment 1

Millstone Nuclear Power Station, Unit No. 2  
Proposed Revision to Technical Specifications  
Shutdown Cooling System Autoclosure Interlock

January 1992

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PDR ADDCK 05000336  
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## EMERGENCY CORE COOLING SYSTEMS

### SURVEILLANCE REQUIREMENTS (Continued)

10. Verifying that the following valves are in the indicated position with power to the valve operator removed:

<u>Valve Number</u>	<u>Valve Function</u>	<u>Valve Position</u>
2-SI-306	Shutdown Cooling Flow Control	Open
2-SI-659	SRAS Recirc.	Open*
2-SI-660	SRAS Recirc.	Open*
2-CH-434	Thermal Bypass	Closed**

- b. By a visual inspection which verifies that no loose debris (rags, trash, clothing, etc.) is present in the containment which could be transported to the containment sump and cause restriction of the pump suction during LOCA conditions. This visual inspection shall be performed:
1. For all accessible areas of the containment prior to establishing CONTAINMENT INTEGRITY, and
  2. Of the areas affected within containment at the completion of containment entry when CONTAINMENT INTEGRITY is established.
- c. At least once per 18 months by:
1. Verifying automatic interlock action of the shutdown cooling system from the reactor coolant system by ensuring that with a simulated reactor coolant system pressure signal greater than or equal to 300 psia the interlock prevents the shutdown cooling system suction valves from being opened.
  2. A visual inspection of the containment sump and verifying that the subsystem suction inlets are not restricted by debris and that the sump components (trash racks, screens, etc.) show no evidence of structural distress or corrosion.
  3. Verifying that a minimum total of 110 cubic feet of trisodium phosphate dodecahydrate (TSP) is contained within the TSP storage baskets.
  4. Verifying that when a representative sample of  $0.35 \pm 0.05$  lbs of TSP from a TSP storage basket is submerged, without agitation, in  $50 \pm 5$  gallons of  $180 \pm 10^\circ\text{F}$  borated water from the RWST, the pH of the mixed solution is raised to  $\geq 6$  within 4 hours.

\*To be closed prior to recirculation following LOCA.

\*\*2-CH-434, a manual valve, shall be locked closed