

Docket No. 50-245
813363

Attachment 1

Millstone Nuclear Power Station, Unit No. 1
Proposed Revision to Technical Specifications
Surveillance Requirements for Emergency Core Cooling
System Instrumentation and Containment Isolation Signals

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TABLE 4.2.1

MINIMUM TEST AND CALIBRATION FREQUENCY FOR CORE COOLING INSTRUMENTATION ROD BLOCKS AND ISOLATIONS

<u>Instrument Channel</u>	<u>Instrument Functional Test</u> ⁽²⁾	<u>Calibration</u> ⁽²⁾	<u>Instrument Check</u> ⁽²⁾
<u>ECCS Instrumentation</u>			
1. Reactor Low-Low Water Level	(1)	Once/3 Months	--
2. Drywell High Pressure	(1)	Once/3 Months	--
3. Reactor Low Pressure (Valve Permissive)	(1)	Once/3 Months	--
4. APR LP Core Cooling Pump Interlock	(1)	Once/3 Months	--
5. Containment Spray Interlock	(1)	Once/3 Months	--
6. Loss of Normal Power Relays	Refueling Outage	None	--
7. Power Available Relays	(1) (5)	None	--
8. Reactor High Pressure	(1)	Once/3 Months	--
9. Isolation Condenser Timer	(1)	Once/3 Months	--
10. Auto Blowdown Timer	Refueling Outage	Refueling Outage	--
<u>Rod Blocks</u>			
1. APRM Downscale	(1) (3)	Once/3 Months	(1)
2. APRM Flow Variable	(1) (3)	Once/3 Months	(1)
3. IRM Upscale	(6)	(6)	(6)
4. IRM Downscale	(6)	(6)	(6)
5. RBM Upscale	(1) (3)	Once/3 Months	(1)
6. RBM Downscale	(1) (3)	Once/3 Months	(1)
7. SRM Upscale	(6)	(6)	(6)
8. SRM Detector not in Startup Position	(6)	(6)	(6)
9. Scram Discharge Volume - Water Level High	Quarterly	Refueling Outage	--
10. Scram Discharge Volume - Scram Trip Bypassed	Quarterly	None	--
<u>Containment Isolations</u>			
1. Reactor Low Water Level	(1)	Once/3 Months	--
2. Reactor Low-Low Water Level	(1)	Once/3 Months	--
3. Drywell High Pressure	(1)	Once/3 Months	--
4. Steam Tunnel High Temperature	Refueling Outage	Refueling Outage	--
5. Steam Line High Flow	(1)	Once/3 Months	Once/Day
6. Steam Line Low Pressure	(1)	Once/3 Months	None
7. Steam Line High Radiation	(1) (3)	Once/3 Months (4)	Once/Day