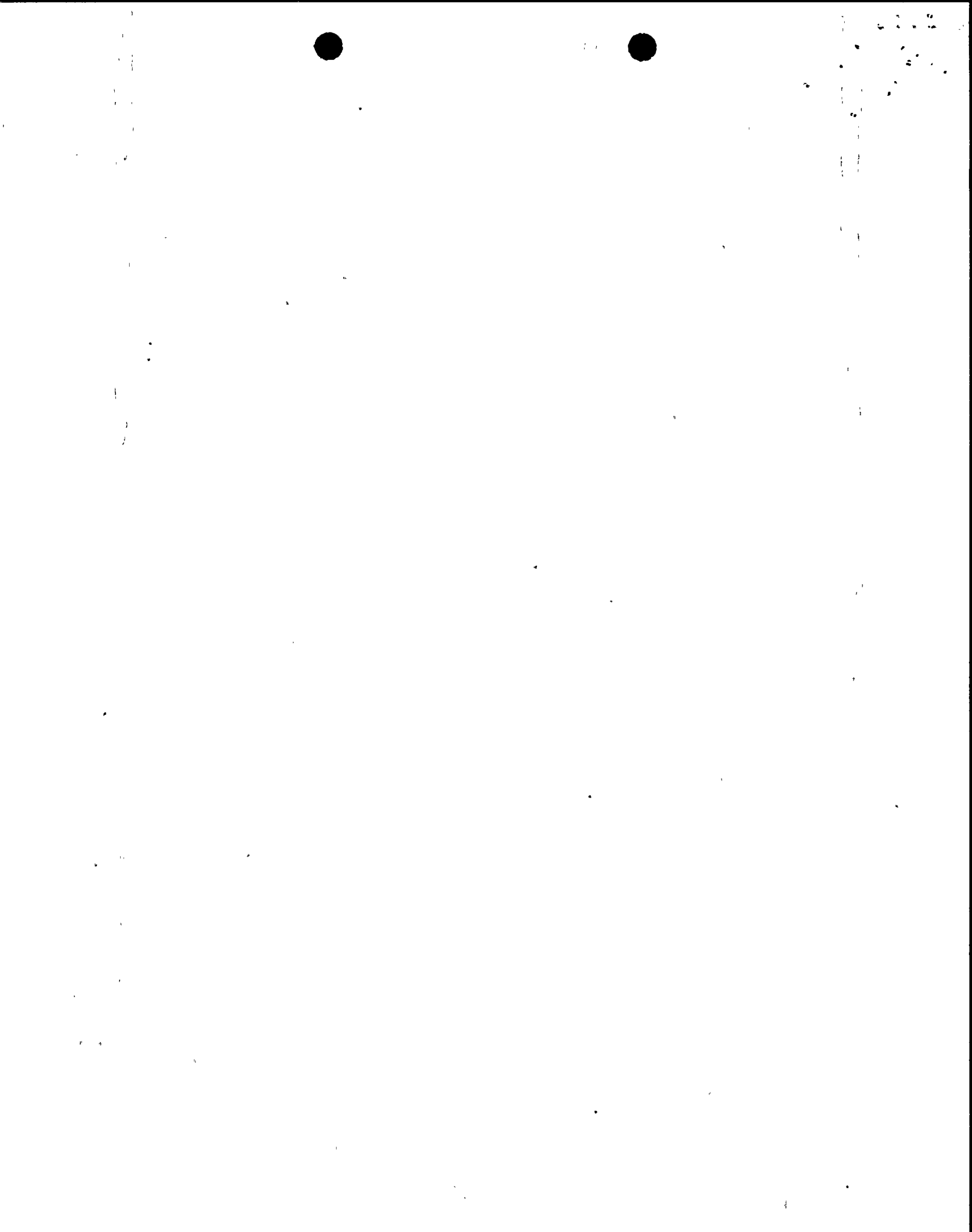


LIMITING CONDITIONS FOR OPERATION
Table 3.2.7

REACTOR COOLANT SYSTEM ISOLATION VALVES

<u>Line or System</u>	<u>No. of Valves (Each Line)</u>	<u>Location Relative to Primary Containment</u>	<u>Normal Position</u>	<u>Motive Power</u>	<u>Oper. Time (Sec)</u>	<u>Action on Initiating Signal</u>	<u>Initiating Signal (All Valves Have Remote Manual Backup)</u>
<u>Main Steam (1)</u> (Two Lines)	1	Inside	Open	A.I.P.O.*	10	Close	Reactor water level low-low, or main steam line high radia- tion, or main steam line high flow, or low condenser vacuu or high temperature in the pipe tunnel
	1	Outside	Open	A.I.P.O.*	10	Close	
<u>Main Steam-Emergency Cooling Vents</u> (Two Lines)	2	Outside	Open	A.I.P.O.	5	Close	-
<u>Feedwater</u> (Two Lines)	1	Outside	Open	R.M.P.O.*	60	-	-
	1	Outside	-	Self Act. Ck.	--	-	-
<u>Emergency Cooling</u>							
<u>Steam Leaving Reactor (1)</u> (Two Lines)	1	Outside	Open	A.I.P.O.	38	Close	High system flow
	1	Outside	Open	A.I.P.O.	38	Close	
<u>Condenser Return to Reactor</u> (Two Lines)	1	Inside	-	Self Act. Ck.	--	-	
	1	Outside	Closed	A.I.P.O.	60	Close	
<u>Reactor Cleanup</u>							
<u>Water Leaving Reactor</u> (One Line)	1	Inside	Open	A.I.P.O.	18	Close	Reactor water level low-low, or high area temperature, liquid poison initiation or high system pressure, or low system flow, or high system temperature
	1	Outside	Open	A.I.P.O.	18	Close	
<u>Water Return to Reactor</u> (One Line)	1	Inside	Open	A.I.P.O.	18	Close	
	1	Outside	-	Self Act. Ck.	--	-	
<u>Shutdown Cooling</u>							
<u>Water Leaving Reactor</u> (One Line)	1	Inside	Closed	A.I.P.O.	40	Close	Reactor water level low-low, or high area temperature
	1	Outside	Closed	A.I.P.O.	40	Close	
<u>Water Return to Reactor</u> (One Line)	1	Inside	Closed	A.I.P.O.	40	Close	
	1	Outside	-	Self Act. Ck.	--	-	

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ATTACHMENT B

NIAGARA MOHAWK POWER CORPORATION

LICENSE NO. DPR-63

DOCKET NO. 50-220

Supporting Information and No Significant Hazards Consideration Analysis

The proposed Technical Specification amendment revises Table 3.2.7 regarding Reactor Coolant System Isolation Valves. The proposed revision deletes the Main Steam Warmup valves from the table. This change is consistent with our plans to remove these valves and associated piping during the 1988 refueling and maintenance outage.

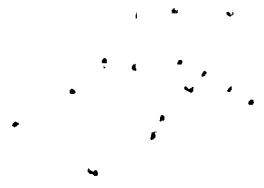
The Main Steam Warmup valves were originally designed to equalize temperature and pressure around the outboard Main Steam Isolation Valves during startup. After the pressures and temperatures were equal, the outboard Main Steam Isolation Valves could be opened without causing a pressure transient downstream. Niagara Mohawk performs startups with all four Main Steam Isolation Valves open. This procedure warms up the steam lines as the reactor heats up. Thus, the warmup valves are not required.

The Warmup valves were also designed to equalize pressure and temperature when bringing the reactor from the hot standby condition (reactor critical, pressure less than 600 psig and Main Steam Isolation Valves closed) to full power. At Nine Mile Point Unit 1, this operation is performed by fully opening the outboard air-operated isolation valves and partially opening the inboard electrically-operated isolation valves. When the pressures and temperatures are equal, the inboard valves are fully opened.

10CFR50.91 requires that at the time a licensee requests an amendment, it must provide to the Commission its analysis, using the Standards in Section 50.92, about the issue of no significant hazards consideration. Therefore, in accordance with 10CFR50.91 and 10CFR50.92, the following analysis has been performed:

The operation of Nine Mile Point Unit 1, in accordance with the proposed change, will not involve a significant increase in the probability or consequences of an accident previously evaluated.

The proposed change does not affect the probability or consequences of an accident previously evaluated. The Warmup valves are not used during plant operation and have no role in accident mitigation.



The operation of Nine Mile Point Unit 1, in accordance with the proposed amendment, will not create the possibility of a new or different kind of accident from any accident previously evaluated.

The proposed change does not affect the operation of any safety system. The Main Steam Isolation Valves will still close when required. There are no analyzed accidents that require the valves to be reopened. However, the Main Steam Isolation Valves could still be reopened to provide an alternate means of heat removal if necessary.

The operation of Nine Mile Point Unit 1, in accordance with the proposed amendment, will not involve a significant reduction in a margin of safety.

The proposed change eliminates two potential containment leakage paths. Release limits are not increased by this change and plant safety systems are not affected. Consequently, there will be no reduction in the margin of safety.



3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

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