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SUBJECT: Forwards response to NRC 980817 RAI re license amend request
dtd 980716 for TS 3/4.2.3, Coolant Chemistry. Revisions to
previously submitted TSS, encl.

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Niagara Mohawk

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September 3, 1998
NMP1L 1355

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

RE: Nine Mile Point Unit 1
Docket No. 50-220
DPR-63

Subject: Request for Additional Information Regarding Coolant Chemistry, Nine Mile Point Nuclear Station Unit No. 1 (TAC No. M99130)

Gentlemen:

On August 17, 1998, the NRC requested additional information regarding the license amendment request dated July 16, 1998, for Nine Mile Point Unit 1 (NMP1) Technical Specification (TS) 3/4.2.3, Coolant Chemistry. Telephone conferences were held on September 1, 1998 and September 3, 1998 between Niagara Mohawk Power Corporation (NMPC) personnel and the NRC Staff to discuss the requested information. As a result of these conferences, it was determined that revisions to the previously submitted TS pages would be made. These revisions consist of deleting proposed TS 3.2.3e and 3.2.3f and modifying TS 3.2.3a and 3.2.3b to improve clarity. Equipment out of service times will be evaluated for a future TS amendment request. The Attachments provide the requested information and revisions to support approval of the TS amendment.

The analysis regarding no significant hazards consideration which was submitted on July 16, 1998 was not affected by these revisions and remains valid. NMPC has provided a copy of this letter and revised pages to the appropriate state representative.

Very truly yours,



John H. Mueller
Senior Vice President and
Chief Nuclear Officer

JHM/TWP/kap
Attachments

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ATTACHMENT A

NIAGARA MOHAWK POWER CORPORATION
LICENSE NO. DPR-63
DOCKET NO. 50-220

Request for Information #1:

The proposed TS changes would add a new TS 3.2.3e requiring shutdown if conductivity exceeds 0.19 micro mho/cm when chloride or sulfate ion concentrations cannot be determined. Please provide and justify a database for the correlation between chloride and sulfate ion concentrations versus conductivity that supports this proposed change. Identify and justify the possible upper limits for sulfate and chloride coolant concentrations if conductivity has not exceeded 0.19 micro mho/cm.

Required Response #1:

The correlations between chloride and sulfate ion concentrations versus conductivity were drawn from standard chemistry correlations for acid chloride and sulfate concentrations and were not based on Nine Mile Point Unit 1 (NMP1) unique information or plant data. The conductivity of a solution is based on the sum of the specific conductance of the individual ions (species).

Based on telephone conferences held on September 1, 1998 and September 3, 1998 between Niagara Mohawk Power Corporation (NMPC) personnel and the NRC Staff, it was determined that proposed TS 3.2.3e and TS 3.2.3f would be deleted. Equipment out of service times will be evaluated for a future TS amendment request. Revised TS replacement pages are included in Attachment B.

Request for Information #2:

Your August 17, 1998 letter also requested that we edit proposed TS 3.2.3a and 3.2.3b by relocating the phrase "for >24 hours" to follow the word "limits" and provide revised TS replacement pages.

Required Response #2:

The phrase "for >24 hours" has been relocated to follow the word "limits" as requested. Revised TS replacement pages are included in Attachment B.

ATTACHMENT B

**NIAGARA MOHAWK POWER CORPORATION
LICENSE NO. DPR-63
DOCKET NO. 50-220**

Replacement Technical Specification Pages

Replace pages 96, 97, 97a and 98 from the July 16, 1998 submittal with the attached replacement pages. These pages have been revised and retyped in their entirety with marginal markings to indicate changes to the text.

