December 7, 2006

Mr. Timothy J. O'Connor
Vice President Nine Mile Point
Nine Mile Point Nuclear Station, LLC
P.O. Box 63
Lycoming, NY 13093

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION (RAI) FOR THE NINE MILE POINT NUCLEAR STATION, UNIT NO. 1 (NMP1) LICENSE AMENDMENT REQUEST (LAR) TO REVISE TECHNICAL SPECIFICATION (TS) 4.1.1, "CONTROL ROD SYSTEM" (TAC NO. MD3360).

Dear Mr. O'Connor:

The Nuclear Regulatory Commission (NRC) staff has reviewed your October 19, 2006, LAR for NMP1 to revise TS 4.1.1, "Control Rod System," surveillance requirement. Based on our review, we have determined that we will need the additional information identified in the enclosure to this letter in order for the NRC staff to complete its review. As discussed with your staff, we request that you provide the requested information within 30 days of the date of this letter in order for the NRC staff to complete its review in accordance with your requested schedule.

If you have any questions, please contact me at 301-415-1402.

Sincerely,

/RA/

Timothy G. Colburn, Senior Project Manager
Plant Licensing Branch I-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-220

Enclosure:
RAI

cc w/encl: See next page

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ACCESSION NUMBER: ML063400269 *Input provided. No substantive changes made.

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DATE	12/07/06	12/07/06	12/01/2006	12/07/06

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REQUEST FOR ADDITIONAL INFORMATION

NINE MILE POINT NUCLEAR STATION, UNIT NO. 1 (NMP1)

LICENSE AMENDMENT REQUEST (LAR)

REVISION TO TS 4.1.1, "CONTROL ROD SYSTEM" SURVEILLANCE REQUIREMENTS

1.0 Control Rod System (CRS) performance reliability

In order to evaluate the request to scram time test at least 20 control rods every 180 days, past CRS scram function performance should be demonstrated to determine that the scram function reliability has not deteriorated. Therefore, please provide historical scram time data in terms of relevant test results for multiple operating cycles and a description of significant changes in hardware or testing practices that relate to the validity of the data for current plant operation.

2.0 Standard Technical Specification (STS) Surveillance Requirement (SR) 3.1.4.3

In the STSs, SR 3.1.4.3 states: "Verify each affected control rod scram time is within the limits of Table 3.1.4-1 with any reactor steam dome pressure" prior to declaring control rod operable after work on control rod or CRS that could affect scram time. The licensee's October 19, 2006, LAR states that as a precedent, "the proposed change to the STT [scram time testing] SR is consistent with a similar change for Oyster Creek Generating Station (Amendment 249)," however, the Oyster Creek LAR included an SR change similar to STS SR 3.1.4.3. Please provide the basis for not proposing an SR similar to STS SR 3.1.4.3 in the proposed NMP1 LAR.

Nine Mile Point Nuclear Station, Unit No. 1

cc:

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