

February 22, 2005

Mr. James A. Spina
Vice President Nine Mile Point
Nine Mile Point Nuclear Station, LLC
P.O. Box 63
Lycoming, NY 13093

SUBJECT: REQUESTS FOR ADDITIONAL INFORMATION FOR THE REVIEW OF NINE
MILE POINT NUCLEAR STATION, UNITS 1 AND 2, LICENSE RENEWAL
APPLICATION (TAC NOS. MC3272 AND MC3273)

Dear Mr. Spina:

By letter dated May 26, 2004, Constellation Energy Group Inc., submitted an application pursuant to Title 10 of the *Code of Federal Regulations* Part 54 (10 CFR Part 54), to renew the operating licenses for the Nine Mile Point Nuclear Station (NMP), Units 1 and 2, for review by the U.S. Nuclear Regulatory Commission (NRC). The NRC staff is reviewing the information contained in the license renewal application (LRA) and by letter dated November 10, 2004, the staff requested for additional information (RAIs). By letter dated December 6, 2004, you provided your responses to the staff's RAIs. The staff has reviewed the responses and has identified, in the enclosure, areas where followup information is needed to complete the review.

Based on discussions with Mr. Peter Mazzaferro of your staff, a mutually agreeable date for your response is within 30 days from the date of this letter. If you have any questions regarding this letter or if circumstances result in your need to revise the response date, please contact me at 301-415-1458 or by e-mail at nbl@nrc.gov.

Sincerely,
/RA/

N. B. (Tommy) Le, Senior Project Manager
License Renewal Section A
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket Nos.: 50-220 and 50-410

Enclosure: As stated

cc w/encl: See next page

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Sincerely,
/RA/
N. B. (Tommy) Le, Senior Project Manager
License Renewal Section A
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket Nos.: 50-220 and 50-410

Enclosure: As stated

cc w/encl: See next page

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Dated: February 22, 2005 Accession No.: ML050540196

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RLEP RF
N. Le (PM)

E-MAIL:

RidsNrrDrip
RidsNrrDe
G. Bagchi
K. Manoly
W. Bateman
J. Calvo
R. Jenkins
P. Shemanski
PY Cheng
RidsNrrDssa
RidsNrrDipm
D. Thatcher
R. Pettis
J. Fair
C. Li
M. Itzkowitz (RidsOgcMailCenter)
T. Smith
M. Lemoncelli
M. Mayfield
A. Murphy
S. Smith (srs3)
S. Duraiswamy
Y. L. (Renee) Li
RLEP Staff

C. Holden
R. Laufer
P. Tam
B. Fuller, RI
E. Knutson, RI
J. Trapp, RI
T. Mensah
OPA

**NINE MILE POINT NUCLEAR STATION, UNITS 1 AND 2 (NMP1 and NMP2)
LICENSE RENEWAL APPLICATION (LRA)
STAFF'S FOLLOWUP ITEMS (FUIs)
RELATED TO:
TLAAs SECTIONS 4.3 AND 4.6**

On December 6, 2004, NMP provided its responses (NMP1L191) to the staff RAIs regarding TLAAs Sections 4.3 and 4.6 of the NMP LRA. The staff has the following followup questions.

(1) RAI 4.3.1-3 (Followup Item 4.3.1-3) - The applicant's December 6, 2004, response to RAI 4.3.1-3 was not clear regarding how fatigue usage prior to the year 2000 was considered in the NMP1 fatigue evaluations. The staff requested the applicant to provide details regarding how the number of cycles experienced prior to year 2000 were accounted for in the fatigue evaluations. For Section 4.3.4 of the LRA discusses non-ASME Class 1 piping, the staff also requested the applicant to explain why the Fatigue Monitoring Program (FMP) is relied on to manage piping systems governed by the 7,000 cycle design limit.

(2) RAI 4.6.2-1 (Followup Item 4.6.2-1) - The applicant's December 6, 2004, response to RAI 4.6.2-1 did not explain why the estimated fatigue usage for NMP1 torus attached piping is conservative given that the number of past Safety Relief Valve (SRV) actions is unknown. The staff requested the applicant to provide details on how many design transients have been experienced and to explain why the number of design transients assumed in the fatigue evaluation are bounding given that SRV actuations have not been tracked.

(3) LRA Section 4.3.3 - (Followup Question 4.3.3.R1) - From the review of LRA Section 4.3.3, it was not clear to the staff how the NMP1 Control Rod Drive Return Line (CRDRL) flaw growth analysis was dispositioned for the period of extended operation. Please provide detail information to explain how CRDRL flaw growth analysis was dispositioned for the proposed period of extended operation.

(4) LRA Table 4.3-6 Note 2 - (Followup Question 4.3-6.R1) - From the review of LRA Table 4.3-6 Note 2, it appears that the NMP1 tie rod repair is only good for 25 years. Please provide additional information to discuss if the NMP1 tie rods will be replaced after 25 years service?

(5) LRA Section 4.6 - (Followup Question 4.6.R1) - From the review of LRA Section 4.6, it appears that this section of the LRA did not address containment penetrations (e.g., drywell penetrations and others) for either NMP1 or NMP2 in the NMP LRA as per 10 CFR 54.21.(a).(1) and 10 CFR 54.21.(a).(2). Please provide detail information to justify why containment penetrations are not discussed for NMP1 or NMP2 in the NMP LRA.

Note: Questions (1) and (2) have been discussed with your staff at the NRC/Constellation LLC public meeting on February 2, 2005.

Nine Mile Point Nuclear Station, Unit Nos. 1 and 2

cc:

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Resident Inspector
U.S. Nuclear Regulatory Commission
P.O. Box 126
Lycoming, NY 13093

Supervisor
Town of Scriba
Route 8, Box 382
Oswego, NY 13126

Mr. James R. Evans
LIPA
P.O. Box 129
Lycoming, NY 10393

Charles Donaldson, Esquire
Assistant Attorney General
New York Department of Law
120 Broadway
New York, NY 10271

Mr. Paul D. Eddy
Electric Division
NYS Department of Public Service
Agency Building 3
Empire State Plaza
Albany, NY 12223

C. Adrienne Rhodes
Chairman and Executive Director
State Consumer Protection Board
5 Empire State Plaza, Suite 2101
Albany, NY 12223-1556

Kathryn M. Sutton, Esquire
Winston & Strawn
1400 L Street, NW
Washington, DC 20005-3502

Mark J. Wetterhahn, Esquire
Winston & Strawn
1400 L Street, NW
Washington, DC 20005-3502

Mr. Michael J. Wallace
President
Nine Mile Point Nuclear Station, LLC
c/o Constellation Energy Group, Inc.
750 East Pratt Street
Baltimore, MD 21202

Mr. James M. Petro, Jr., Esquire
Counsel
Constellation Energy Group
750 East Pratt Street, 5th Floor
Baltimore, MD 21202

Mr. Peter R. Smith, President
New York State Energy, Research, and
Development Authority
17 Columbia Circle
Albany, NY 12203-6399

Mr. Fred Emerson
Nuclear Energy Institute
1776 I St., NW, Suite 400
Washington, DC 20006-3708

Mr. Mark Flaherty
Manager - Fleet Licensing
R.E. Ginna Nuclear Power Plant
1503 Lake Rd.
Ontario, NY 14519

Mr. M. Steven Leonard
General Supervisor - Nuclear Regulatory
Matters
Nine Mile Point Nuclear Station, LLC
P.O. Box 63
Lycoming, NY 13093

Nine Mile Point Nuclear Station, Unit Nos. 1 and 2 - 2 -

cc:

Mr. Peter Mazzaferro
Site Project Manager - License Renewal
Nine Mile Point Nuclear Station, LLC
P.O. Box 63
Lycoming, NY 13093

Mr. Mike Heffley
Senior Vice President and Chief
Nuclear Officer
Constellation Generation Group
1997 Annapolis Exchange Parkway
Suite 500
Annapolis, MD 21401