

November 17, 2004

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

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 has identified, in the enclosure, areas where additional 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, 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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P.O. Box 63
Lycoming, NY 13093

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DISTRIBUTION: Ltr to J. Spina, RAI Re: Nine Mile Point Nuclear Station, Units 1 and 2
Dated: November 17, 2004 Accession No.: **ML043220665**

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**NINE MILE POINT NUCLEAR STATION, UNITS 1 AND 2 (NMP1 and NMP2)
LICENSE RENEWAL APPLICATION (LRA)
REQUEST FOR ADDITIONAL INFORMATION (RAI)
RELATED TO:
RAIs from Reactor Systems Branch [Reviewer: S Miranda]**

- RAI-1. For NMP1, please indicate whether the thermal sleeves for core spray and recirculation inlet nozzles or the liquid poison and core differential pressure lines are considered part of the reactor pressure vessel nozzles, safe ends, attachments and instrument penetrations requiring an AMR.
- RAI-2. For NMP1, please indicate whether low-pressure coolant injection couplings ought to be included in the scope of license renewal. Please provide details explanation.
- RAI-3. For NMP1, please indicate whether the nozzles connecting the reactor recirculation system to the connecting piping should be identified as reactor recirculation system components requiring AMR. Please provide details explanation.
- RAI-4. For both units, the steam separator assembly consists of a base into which are welded an array of standpipes, with a steam separator located at the top of each standpipe. Are these standpipes included in the two plants' scopes of license renewal? Please provide details explanation.
- RAI-5. For both units, please indicate where the feedwater sparger is identified as a reactor vessel internal component requiring AMR.
- RAI-6. For NMP1, please indicate whether the liquid poison sparger should be identified as a reactor vessel internal component requiring AMR. Please provide details explanation.
- RAI-7. For NMP1, please indicate whether the core shroud stabilizers should be identified as reactor vessel internal components requiring AMR. Please provide details explanation.
- RAI-8. For NMP1, please indicate whether the core shroud vertical weld repair should be identified as a reactor vessel internal component requiring AMR. Please provide details explanation.
- RAI-9. For NMP1, please provide dwg no. LR-18000-C, sheets 1 and 2
- RAI-10. For NMP1, please indicate whether access hole covers should be identified as reactor vessel internal components requiring AMR. Please provide details explanation.
- RAI-11. For NMP1, please indicate whether incore instrumentation guide tubes should be identified as reactor vessel internal components requiring AMR. Please provide details explanation.
- RAI-12. For NMP1, please indicate whether restriction orifices, radiation collars, or vacuum breakers should be identified as reactor pressure vessel instrumentation system components requiring AMR. Please provide details explanation.

RAI-13. For NMP2, please indicate whether temperature equalizing columns should be identified as reactor pressure vessel instrumentation system components requiring AMR. Please provide details explanation.

RAI-14. For NMP2, please indicate whether pump seal flanges should be identified as reactor recirculation system components requiring AMR. Please provide details explanation.

RAI-15. For NMP1, please indicate whether restriction orifices, radiation collars, or seal coolers should be identified as reactor recirculation system components requiring AMR. Please provide details explanation.

RAI-16. For NMP1, please indicate whether CRD hydraulic control units, flow elements and indicators, pumps, and rupture discs should be identified as control rod drive system components requiring AMR. Please provide details explanation.

RAI-17. For NMP1, please indicate whether floor and equipment drain system components should be identified as components requiring AMR. Please provide details explanation.

RAI-18. For NMP2, please indicate whether sampling system components should be identified as components requiring AMR. Please provide details explanation.

RAI-19. For NMP2, please indicate whether heat exchangers and nozzles should be identified as core spray system components requiring AMR. Please provide details explanation.

RAI-20. For NMP1, please indicate whether filters or strainers, flow elements, and temperature elements, should be identified as liquid poison system components requiring AMR. Please provide details explanation.

RAI-21. For NMP1, please indicate whether bellows should be identified as neutron monitoring system components requiring AMR. Please provide details explanation.

End of RAIs

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

cc:

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