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Sent: Tuesday, January 28, 2014 1:26 PM
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Cc: Beasley, Benjamin; Stattel, Richard; Thorp, John; Hemphill,
Khadijah; Elliott, Robert; Dozier, Jerry; Guzzetta, Ashley; Huang, Tai;
Jackson, Christopher; Karipineni, Nageswara; Dennig, Robert;
Panicker, Mathew; Dean, Jeremy
Subject: NMP Units 2, MF3056 - ACCEPTANCE OF REQUESTED LICENSING
ACTION RE: License Amendment Request- RE: Maximum Extended
Load Line Limit Analysis Plus (MELLLA+)

SUBJECT: NINE MILE POINT NUCLEAR STATION, UNIT NO. 2; DOCKET NO. 50-410, LICENSE
AMENDMENT REQUEST PURSUANT TO 10 CFR 50.90: Maximum Extended Load Line Limit Analysis
Plus (MELLLA+) (TAC NO. MF3056)

By letter dated November 1, 2013, Nine Mile Point Nuclear Station, LLC (the Licensee) submitted a license amendment request for Nine Mile Point Nuclear Station, Unit 2. The proposed amendment would allow operation in the expanded Maximum Extended Load Line Limit Analysis Plus (MELLLA+) domain; 2) use of the Detect and Suppress Solution - Confirmation Density (DSS-CD) stability solution, 3) use of the TRACG04 analysis code; 4) increase the isotopic enrichment of boron-10 in the sodium pentaborate solution used to prepare the neutron absorber solution in the Standby Liquid Control System (SLS); and 5) increase the Safety Limit Minimum Critical Power Ratio (SLMCPR) for two recirculation loops in operation. Subsequently, by letter dated January 21, 2014, in response to the requirement to provide the supplemental information to complete the acceptance review, the licensee provided the its commitment to provide the information by February 14, 2014.

The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this amendment request. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical review. The acceptance review is also intended to identify whether the application has any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

Consistent with Section 50.90 of Title 10 of the *Code of Federal Regulations* (10 CFR), an amendment to the license (including the technical specifications) must fully describe the changes requested, and following as far as applicable, the form prescribed for original applications. Section 50.34 of 10 CFR addresses the content of technical information required. This section stipulates that the submittal address the design and operating characteristics, unusual or novel design features, and principal safety considerations.

The NRC staff has reviewed your application and the licensee's commitment to provide the supplemental information in full, by the letter dated January 21, 2014, and it has concluded that it does provide technical information in sufficient detail to enable the NRC staff to complete its detailed technical review and make an independent assessment regarding the acceptability of the proposed amendment in terms of regulatory requirements and the protection of public health and safety and the environment. Given the lesser scope and depth of the acceptance review as compared to the detailed technical review, there may be instances in which issues that impact the NRC staff's ability to complete the detailed technical review are identified despite completion of an adequate acceptance review. You will be advised of any further information needed to support the NRC staff's detailed technical review by separate correspondence.

If you have any questions, please contact me at (301) 415-3308.

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