



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

January 13, 2009

Mr. Keith J. Polson
Vice President Nine Mile Point
Nine Mile Point Nuclear Station, LLC
P.O. Box 63
Lycoming, NY 13093

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING NINE MILE POINT
NUCLEAR STATION, UNIT NO. 1, EXTENSION OF PERMANENT RELIEF FROM
INSERVICE INSPECTION REQUIREMENTS FOR VOLUMETRIC EXAMINATION
OF REACTOR PRESSURE VESSEL (RPV) SHELL CIRCUMFERENTIAL WELDS
(TAC NO. MD9704)

Dear Mr. Polson:

By letter dated September 16, 2008, Nine Mile Point Nuclear Station, LLC, submitted for Nuclear Regulatory Commission (NRC) staff review and approval, relief request 11SI-001A for Nine Mile Point Unit No. 1 (NMP1). The relief request would allow continued use of the subject alternative from the inservice inspection requirements of Section 50.55(g) of Title 10 of the *Code of Federal Regulations* for the volumetric examination of RPV shell circumferential welds for the NMP1 license renewal period of extended operation (i.e., from August 23, 2009 to August 22, 2029).

The NRC staff is reviewing the submittal and has determined that additional information is needed to support its review. Enclosed is the NRC staff's request for additional information (RAI). The RAI was discussed with your staff on January 7, 2009, and it was agreed that your response would be provided within 60 days from the date of this letter.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard V. Guzman", with a long horizontal line extending to the right.

Richard V. Guzman, Senior Project Manager
Plant Licensing Branch I-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-220

Enclosure:
As stated

cc w/encl: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION

NINE MILE POINT NUCLEAR STATION, UNIT NO. 1

EXTENSION OF PERMANENT RELIEF FROM INSERVICE INSPECTIONS

REQUIREMENTS FOR THE VOLUMETRIC EXAMINATION OF

REACTOR PRESSURE VESSEL SHELL CIRCUMFERENTIAL WELDS

DOCKET NO. 50-220

The Nuclear Regulatory Commission (NRC) staff is reviewing the Nine Mile Point Nuclear Station (NMPNS) submittal dated September 16, 2008. The NRC staff has determined that additional information requested below will be needed to support its review.

- RAI-1. It is stated in the NMPNS submittal that the fluence projection covering the end of the facility operating license is based on the accrual of 46 effective full power years (EFPY) of exposure. However, certain passages of the NMPNS license renewal application, dated July 14, 2005, presented limiting fluence projections based on accrual of 54 EFPY of exposure. Please explain this apparent inconsistency.
- RAI-2. The enclosure to the NMPNS submittal states, "The fluence values in Table 1 for 28 EFPY and 46 EFPY (from Reference 15) bound the highest fluence beltline circumferential weld..." Please clarify this statement. How was it determined that the listed fluence values bound the highest fluence beltline circumferential weld? What is the location that corresponds to the listed fluence value?

January 13, 2009

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Vice President Nine Mile Point
Nine Mile Point Nuclear Station, LLC
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SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING NINE MILE POINT NUCLEAR STATION, UNIT NO. 1, EXTENSION OF PERMANENT RELIEF FROM INSERVICE INSPECTION REQUIREMENTS FOR VOLUMETRIC EXAMINATION OF REACTOR PRESSURE VESSEL (RPV) SHELL CIRCUMFERENTIAL WELDS (TAC NO. MD9704)

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/RA/

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Accession Number: ML090120240 *RAI provided by memo. No substantial changes made. NRR-058

OFFICE	LPLI-1/PM	LPLI-1/LA	SRXB/BC	LPLI-1/BC
NAME	RGuzman	SLittle	GCranston*	MKowal
DATE	1/12/09	1/12/09	1/8/09 memo dtd	1/13/09

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