

From: Guzman, Richard
Sent: Tuesday, June 08, 2010 12:53 PM
To: Darling, Theresa H
Cc: Dosa, John J
Subject: Follow-up RAI Question - Nine Mile Point Unit 2 EPU - Probabilistic Risk Assessment Review

Theresa,

The NRC staff is reviewing the Nine Mile Point Nuclear Station, LLC (NMPNS or the licensee) license amendment request application dated May 27, 2009, and has determined that additional information requested below will be needed to complete its review in the probabilistic risk assessment (PRA) area. Below is the staff's request for additional information (RAI). The RAI was discussed with you on June 8, 2010, and it was agreed that your response would be provided within 30 days of the date of this request.

1. Section 2.13.1.3.2 of the submittal provides a brief explanation of the impact of EPU on fire ignition frequency for the NMP2 PRA. It states that frequency of fires is not dependent on reactor power or operation, however; it further states that there is a potential risk increase due to decrease in human reliability. The greatest increase in risk from EPU implementation derives from less time operators have to perform necessary actions. The EPU may not have an impact on Fire Ignition Frequency or Fire Mitigation; however, it may have an impact on operator actions after a fire has been identified and/or mitigated due to less available time.

Please provide additional information explaining the potential decreases in time related to operator actions for fire scenarios. Describe the potential risk increases due to decreases in human reliability for fire scenarios resulting from the proposed EPU implementation.

Thanks,

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From: Guzman, Richard

Created By: Richard.Guzman@nrc.gov

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