From: Chawla, Mahesh
Sent: Thursday, January 07, 2010 4:15 PM
To: 'Alan I Hassoun'
Cc: Lake, Russell; McMurtray, Anthony; Pascarelli, Robert
Subject: Fermi 2 - Submittal of IST Relief Requests for Pumps and Valves - Third Ten-year Interval - ME 2548 - ME 2559

On November 3, 2009, Detroit Edison submitted the above Relief Requests (RRs). The NRC staff would need additional information to complete the review of PRR-006 and PRR-009. Due to the short turnaround time for these two relief requests, please arrange a teleconference with your staff by Monday, January 11, 2009 to discuss the following information:

RAI PRR-006-001

Under 'Reason for Request', Paragraph 2 states "[t]he calibration cardinal point of 24 feet bounds readings obtained for pump surveillance testing." Please elaborate on why this is true.

RAI PRR-006-002

Under 'Reason for Request', Paragraph 2 states "[t]he As Left tolerance at 24 feet for this instrument is 0.79%." Please discuss the significance and purpose of this information.

RAI PRR-006-003

Under 'Proposed Alternative and Basis for Use, Paragraph 10, discuss why the low DISPR reading of 32 psi is bounding. (A high DISPR reading would yield a higher error.)

RAI PRR-009-001

Please discuss how the RHRSW pump optimum flow tolerance of ±100 gpm was determined and why the associated MOV cannot be manually throttled.

RAI PRR-009-002

Please elaborate on why limited access to necessary transmitter pipe connections makes installation of M&TE for flow measurement of CCHVAC Chilled Water not practical.

RAI PRR-009-003

FERMI 2 proposes to utilize a more conservative differential pressure acceptance criteria range for testing of the CCHVAC Chilled Water Pumps. In accordance with NUREG 1482, revision 1, section 5.3, "…the licensee may make a corresponding adjustment to acceptance criteria to compensate for the uncertainty…" Please describe the effect of the proposed differential pressure acceptance criteria range adjustment on uncertainty.

RAI PRR-009-004

NUREG 1482, revision 1, section 5.3 states "[f]or a tolerance greater than the allowed percent (which may be necessary depending on the precision of the instrument), the licensee…may perform and document an evaluation to justify a greater tolerance." For each of the three pumps proposed (RHRSW, EECW MU, CCHVAC Chilled Water) the discussion states that the proposed tolerances as the best achievable. Please provide a justification for the greater

tolerance for each group of pumps, i.e. why does the increased tolerance provide an acceptable level of quality and safety or why would compliance with the requirements not provide a compensating increase in the level of quality and safety?

RAI PRR-009-005

Please describe how this testing was performed during the second IST interval.

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