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Director, Used Fuel Programs

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February 7, 2014

Mr. Aladar Csontos
Chief, Structural Mechanics and Materials Branch
Division of Spent Fuel Storage and Transportation
Office of Nuclear Materials Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: Regulatory Issue Resolution Protocol Screening Form and Resolution Plan for Chloride-Induced Stress Corrosion Cracking (RIRP-N-10-01)

Project Number: 689

Dear Mr. Csontos:

On behalf of the nuclear energy industry, the Nuclear Energy Institute¹ is transmitting an updated version of the Regulatory Issue Resolution Protocol (RIRP) Resolution Plan form (Revision 4) for the Chloride-Induced Stress Corrosion Cracking (CISCC) issue (RIRP-N-10-01). This form has been updated in accordance with industry verbal commitments made at a recent NRC public meeting held on January 24, 2014. The RIRP Screening form (Revision 3) remains unchanged but is also attached for completeness (the Screening Form as Attachment 1 and the Resolution Plan as Attachment 2).

The updated form reflects the latest progress made in both Electric Power Research Institute (EPRI) programs and related research sponsored by the NRC as discussed at the January 24 meeting. The specific focus of this RIRP remains to complete the Susceptibility Assessment Criteria described in the updated RIRP Resolution Plan form. The industry continues to be committed to having these criteria finalized by June 15, 2015. The industry will further keep the NRC informed of subsequent plans to apply the criteria as also described in the EPRI plan.

¹ The Nuclear Energy Institute (NEI) is the organization responsible for establishing unified industry policy on matters affecting the nuclear energy industry, including the regulatory aspects of generic operational and technical issues. NEI's members include all entities licensed to operate commercial nuclear power plants in the United States, nuclear plant designers, major architect/engineering firms, fuel cycle facilities, nuclear materials licensees, and other organizations and entities involved in the nuclear energy industry.

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I would be happy to address any feedback the NRC may have on the updated RIRP forms. If you have any questions, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Rodney McCullum', with a stylized, cursive script.

Rodney McCullum

Attachments

c: Ms. Catherine Haney, NMSS, NRC
Mr. Mark D. Lombard, NMSS/DSFST, NRC
Ms. Michele Sampson, NMSS/DSFST, NRC