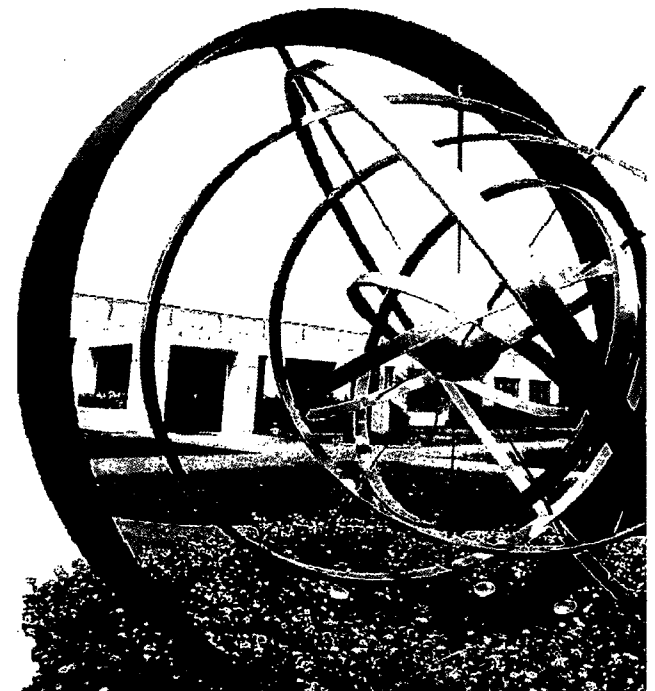




ECCS Suction Strainers General Project Overview

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ECCS Suction Strainers Committee
Committee Chairman

NRC / BWROG Program Update
July 20, 2011
Rockville, MD



Since the last public meeting 11/2010

Overall program:

- Executives funded project through 2012
- Participating in NEI's GSI-191 Steering Group for synergy
- Full committee (40 people) met in January and June to plan and execute project plan
- Addressed senior NRC questions at May Executive public meeting
- Explored risk-informed methods

Since the last public meeting (cont.)

Fuels:

- Submitted LTR1: LOCA analysis with debris clogging; test outline
- Experienced fuel testing team responding to test-related RAIs and developing test program; GEH experts responding to analysis-related RAIs; expected late Sept.
- LTR2 and LTR3 have begun (AREVA and Westinghouse), expected mid 2012

Since the last public meeting (cont.)

Source term:

- Submitted Headloss and Coatings surveys, incorporated Staff comments, and submitted to industry 6/8/2011
- Finalized Chemical Effects Strategy and Bypass Test Plan
- Qualified coatings debris source term under development for two Mk I's and two Mk II's to justify generic coatings debris source term (final results pending)

Current Activities

Chemical Effects Strategy Plan (with BWROG leadership) (September)

Bypass Test Plan (with BWROG leadership) (September)

Headloss / Coatings surveys

Fuel test planning

RAIs

Through end of 2011

Source term guidance: latent debris, debris characteristics, debris transport and erosion (all October)

Evaluations of coatings and headloss survey results

Fuels: RAI responses, continuing LTR development, test site research and test development

Bypass Testing

Coatings ZOI assessment

Action Items

#6, 3/31/2011: The BWROG is to provide a calculation comparing spherical ZOIs for BWRs and PWRs based on the RCS pressure differences

Status: under internal technical review by BWROG; expected completion by October

Action Items (cont.)

#11, 11/17/2010: The staff stated that it would provide a clear statement of intention on whether it plans to revise its position on spherical ZOI.

Status: BWROG has placed this on the back burner but awaiting official notice; request official notice that this item is not a concern

Action Items (cont.)

#13, 6/30/2011: BWROG to develop an additional guidance document that addresses how utilities will resolve differences between guidance documents and reality at the sites

Status: per 6/20 email to Joe Golla, expect final recommendations to come out with published NRC-reviewed guidance; request to close Action Item 13

Action Items (cont.)

#18, 4/1/2011: Mr. Mendiola asked about the representative nature of the testing, that is, the testing of one fuel bundle representing a core. The BWROG took an action to describe this.

Status: to be covered in RAIs (#1, 18, 42, 44) to LTR1; request moving due date to end of September when RAI responses should arrive