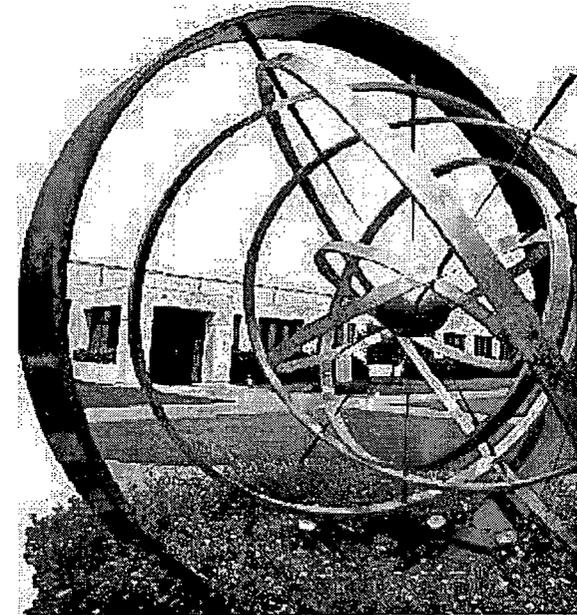




# ECCS Suction Strainers Action Item Summary

Steve Scammon  
ECCS Suction Strainers Committee  
Chairman

NRC / BWROG Resolution Plans  
October 20 - 21, 2010  
Rockville, MD



# Action Item 2 / 3

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Air Jet Testing position paper delivered 17  
October by email

# Action Item 5

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BWROG will not prepare a 'bounding plant sample'

BWROG will identify six plants based on outage and walkdown availability, OR

BWROG will consider evaluating qualified coatings load with new calculated ZOI, either by:

- Reviewing documents, or
- Performing coatings walkdown

# Action Item 7

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Reactive Materials survey will be summarized and used in Chemical Effects work

Highlights:

1. 25 respondents
2. 92% have adopted AST
3. Wide range of max sodium pentaborate injection, from 700 to 7000 lbs
4. When SLC is initiated: commonly 1-3 hours post-LOCA, but a wide range reported
5. Minimum water inventory maintained in suppression pool / torus reported in gallons and cubic feet; range 70K to 140K cubic feet
6. Various metals and approximate amounts reported

# Action Item 7 (Survey Questions)

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Questions:

Has your plant adopted AST?

If not, does your plant intend to adopt AST?

Identify which form of sodium pentaborate your plant uses

What are the maximum pounds (dry equivalent) of sodium pentaborate that your SLC system injects?

What are the minimum number of pounds injected?

When is SLC injected in your LOCA accident profile?

What is your plant's design basis for post-LOCA operation of drywell and wetwell sprays? (e.g., duration, operator intervention)

What is the coverage of the sprays? (e.g, what areas are not wetted during sprays?)

What is the minimum / maximum inventory of water maintained in your suppression pool / torus?

What is the normal chemistry range of the water? (Conductivity, Chloride, pH, Suspended solids, sulfate, TOC,

Have you characterized suspended solids or sludge in your suppression pool/torus water?

Please provide available data on suppression pool/torus water and sludge.

Note: It is understood that debris source terms may change after drywell walkdowns are completed. Each plant will be queried at a later date for changes to debris source terms. In the interim, please provide the calculated debris source terms developed for your plant's response to I&E Bulletin 96-03, as updated with later information.

Please provide your plant's post-LOCA temperature profile for large-break LOCA.

Please provide any available information on the following materials in your plant's wetwell or drywell: (apart from that in debris source terms, defined above) (name, form, amount, location)

# Action Item 8

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Due 12/31/2010

# Action Item 10 / 12

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Initial surveys for Issues 5 (Coatings Assessment) and 11 (Near Field Effects and Scaling) to be delivered to NRC 11/12/2010 for discussion at November meeting