



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

October 19, 1994

MEMORANDUM TO: Jack Kudrick, Deputy Branch Chief
 Containment Systems and Severe Accident Branch
 Division of Systems Safety and Analysis
 Office of Nuclear Reactor Regulation

FROM: *RBE* Robert B. Elliott, Reactor Engineer
 Containment Systems and Severe Accident Branch
 Division of Systems Safety and Analysis
 Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF OCTOBER 13, 1994 MEETING WITH THE BOILING
 WATER REACTOR OWNERS GROUP (BWROG)

On October 13, 1994, the staff met with members of the BWROG strainer subcommittee to discuss issues related to the potential loss of emergency core cooling systems (ECCS) due to clogging of the suction strainers by debris generated during a loss-of-coolant accident (LOCA). The meeting agenda is provided in Attachment 1 and a list of the meeting attendees is provided as Attachment 2.

Important points that were discussed during the meeting are summarized in the following:

1. The BWROG committed to providing the staff with two products during the next 4 to 6 weeks. First, they will provide comments to NUREG/CR-6224 along with an assessment as to the importance of each comment. Second, they will provide a submittal which will provide the BWROG's recommendation on how to resolve the issue of potential clogging of ECCS strainers by LOCA generated debris. In addition to these recommendations, this second submittal will also address all open items related to the issue and respond to ACRS questions regarding the safety significance of the issue.
2. Regarding the issue of what is the staff's view of an acceptable way to determine the maximum expected suppression pool temperature in accordance with Regulatory Guide 1.1, it was decided to have a phoneconference in the next couple of weeks to discuss this issue. The staff felt it was necessary to have representatives from the Reactor Systems Branch involved in this aspect of this issue.
3. The BWROG was not able to provide further update on the status of their debris generation tests at this time as they are still attempting to negotiate with Vattenfall in order to piggyback their tests onto to the program which is already underway at Siemens in Germany. Open issues remain as Vattenfall is placing severe restrictions on the releasibility of the data obtained.

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4. In response to questions from the BWROG, the staff reiterated their position that containment cleanliness and suppression pool cleanliness will be addressed as a part of the resolution of this issue. In addition, individual utilities are encouraged to refrain from making plant modifications until a generic resolution is reached. The staff is working with the BWROG in order to expedite the resolution process.

The meeting was brief and no further meetings were scheduled at this time.

Attachments: As stated

cc: R. Lobel

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AGENDA

NRC MEETING WITH BWROG

BWR STRAINERS

OCTOBER 13, 1994

1. Update by BWROG on potential debris which could clog BWR ECCS strainers, including the BWROG views on supporting methodology.
2. Discussion of the calculation of the maximum anticipated suppression pool temperature pursuant to Regulatory Guide 1.1.
3. Status of BWROG test program on debris generation.

BWR OWNERS' GROUP MEETING ATTENDANCE LIST

Activity ECS Suction Stacks
 Date(s) October 12-13-14
 Location Albuquerque, New Mexico

Name	Company	Phone No.
Tom Green	GE	408 725-1309
JOHN KACZMAREK	ILLINOIS POWER (CLINTON POWER ST)	(217) 935 8881 x3726
Paul Roney	Centennial Energy (Perry Plant)	(216) 280-5281
Dan Maret	Sequoia Consulting Gp.	(607) 961-9556
Bob Dierl	Continuum Dynamics, Inc.	(609) 734-9282
Alan Bilanin	Continuum Dynamics	609-734-9282
Brian Blanche	Entergy / GGNS	601-437-6475
George Cornelius	NORTHEAST UTILITIES	203-444-5604
Scott Wood	Washington Public Power	509-377-4797
Rocky Sgarro	PP&L	610-774-7914
JAN LEFTER	NYPA	914 681 6291
RONNIE COLE	ENERGY/RIVER BEND	504-381-4826
TED RYAN	PECO Energy	610-640-6438
Bob Rybak	Unicom (ComEd)	708-663-7440
JIM CALLAGHAN	YAEC / VERMONT YANKEE	508-779-6711
Tim Long	SNC/HATCH PROJECT	205-877-7409
Kim Leone	PP&L	610-774-7792
CURT Beck	DUANE ARNOLD	314-851-7645
Don Sumkins	CP&L BRUNSWICK NP	910-457-3214
Daniel Maret	Sequoia Cons. Gp.	617 961 9556
Alan Bilanin	Continuum Dynamics	609-734-9282

