

March 5, 2009

MEMORANDUM TO: William H. Ruland, Director
Division of Safety of Assessments
Office of Nuclear Reactor Regulation

FROM: Paul M. Clifford, Sr. Technical Advisor **/RA/**
Division of Safety of Assessments
Office of Nuclear Reactor Regulation

SUBJECT: FORTHCOMING CATEGORY 2 PUBLIC MEETING ON COMPARISON
OF ANALYTICAL TECHNIQUES FOR MODELING REACTIVITY
INITIATED ACCIDENTS (RIA)

DATE & TIME: March 24, 2009: 8:30 am to 5:00 pm
March 25, 2009: 8:30 am to 12:00 pm

LOCATION: ANATECH Corporation
Main Conference Room
5435 Oberlin Drive
San Diego, CA 92121
Phone: 858-455-6350

PURPOSE: The NRC staff is convening this meeting as a continuation from prior RIA public meetings. This meeting will focus on analytical models and their supporting empirical database. Analytical models may be used to scale fuel rod failure results from in-reactor RIA test programs conducted at non-prototypical conditions. It is important that any scaling of empirical results be based upon sound engineering principles. As such, the NRC staff are meeting with representatives from EPRI and ANATEC to compare computer models used to simulate RIAs.

CATEGORY 2*: This is a Category 2 meeting. The public is invited to discuss regulatory issues with the agency at designated points identified on the agenda

PARTICIPANTS: Participants from the NRC include members of the Office of Nuclear Reactor Regulation (NRR), and the Office of Nuclear Regulatory Research (RES).

NRC

P. Clifford, NRR
M. Flanagan, RES
J. Voglewede, RES
C. Beyer (PNNL)
K. Geelhood (PNNL)

Industry

Robert Montgomery, ANATEC
John Alvis, ANATEC
Joe Rashid, ANATEC
K. Yueh, EPRI

Project No. 669

Enclosure:
As stated

cc w/encl: See next page

MEETING CONTACT: Paul Clifford, NRR
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* Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings,"
(67 FR 36920), May 28, 2002

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ADAMS ACCESSION NO.: ML090640310 NRR-001

OFFICE	NRR/DSS
NAME	PClifford
DATE	3/5/09

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***Agenda for Reactivity-Initiated Accident (RIA) Public Meeting**

<u>Schedule</u>	<u>Discussion Topics</u>
March 24, 2009	
8:30 - 8:40 a.m.	Introductory Remarks/Introductions (P. Clifford, NRC)
8:40 - 10:00 a.m.	Results from FALCON Benchmark RIA Cases (J. Alvis, ANATEC)
10:00 - 10:15 a.m.	Break
10:15 - 11:30 a.m.	Comparison of FRAPTRAN and FALCON Analytical Results (R. Montgomery, ANATEC)
11:30 - 12:15 p.m.	Lunch
12:15 - 4:15 p.m.	Discussion of Code Algorithms and Analytical Solutions (NRC, PNNL, ANATEC, EPRI)
4:15 - 4:30 p.m.	Summary/Action Items
4:30 - 4:45 p.m.	Public Comment Period
4:45 - 5:00 p.m.	Closing Remarks/Adjourn
March 25, 2009	
8:30 - 8:40 a.m.	Introductory Remarks (P. Clifford, NRC)
8:40 - 10:30 a.m.	EPRI Test Program and Recent Results (K. Yueh, EPRI)
10:30 - 10:45 a.m.	Break
10:45 - 11:30 a.m.	Discussion of Future Testing Requirements for New Fuel Rod Designs and Cladding Alloys (NRC, PNNL, ANATEC, EPRI)
11:30 - 11:45 a.m.	Public Comment Period
11:45 - 12:00 p.m.	Closing Remarks/Adjourn

* Agenda may be subject to minor changes. Any changes will be announced at the opening of the public meeting.

ENCLOSURE

cc:

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3/25/08

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