

February 24, 2000

MEMORANDUM TO: Cynthia A. Carpenter, Chief
Generic Issues, Environmental, Financial
and Rulemaking Branch
Division of Regulatory Improvement Programs, NRR

FROM: Peter C. Wen, Project Manager/**AR**/
Generic Issues, Environmental, Financial
and Rulemaking Branch
Division of Regulatory Improvement Programs, NRR

SUBJECT: NOTICE OF MEETING WITH NUCLEAR ENERGY INSTITUTE (NEI)
AND ELECTRIC POWER RESEARCH INSTITUTE (EPRI) REGARDING
HIGH BURNUP FUEL ISSUES

DATE AND TIME: March 30, 2000
9:00 a.m. - 11:40 a.m.

LOCATION: U.S. Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike
Rockville, Maryland 20852
Room O-10B4

PURPOSE: To discuss issues related to high burnup fuel. A preliminary agenda is
attached.

PARTICIPANTS*: NRC
J. Wermiel
R. Caruso
M. Chatterton
F. Eltawila
R. Meyer
D. Meyer
G. Mizuno, et al.

INDUSTRY
T. Rieck, Com Ed
D. Modeen, NEI
J. Butler, NEI
N. Waeckel, EPRI
R. Montgomery, EPRI, et al.

Project Nos. 689 and 669
Attachment: Agenda
cc: See next page

*Meetings between the NRC technical staff and applicants or licensees are open for interested members of the public, petitioners, interveners, or other parties to attend as observers pursuant to "Commission Policy Statement on Staff Meeting Open to the Public," 59 Federal Register 48344, 9/20/94. Members of the public who wish to attend should contact P. Wen at (301) 415-2832 or pxw@nrc.gov.

NRC-INDUSTRY MEETING
HIGH BURNUP FUEL ISSUES

March 30, 2000 9:00 am - 11:40 am
Room O-10B4

Preliminary Agenda

- | | | |
|-------|---|-------------------------------|
| 9:00 | Introductions and Opening Remarks | Rieck, Com Ed Wermiel, NRC |
| 9:10 | Industry Guide for Establishing Criteria for Fuel Burnup Extensions Beyond 62 GWD/MTU <ul style="list-style-type: none">● Process/Approach | Montgomery, Anatech |
| 9:30 | Demonstration Cases <ul style="list-style-type: none">● Design Stress● Rod Internal Pressure● Excessive Fuel Enthalpy● Violent Expulsion of Fuel | Montgomery, Anatech |
| 10:30 | NRC Initiatives <ul style="list-style-type: none">● Decay Heat Curve● Different Metal-Water Reaction Models | Eltawila, NRC |
| 10:50 | Break | |
| 11:00 | Cladding Material Petition | Modeen, NEI Brunson, FTI |
| 11:20 | Discussion <ul style="list-style-type: none">● Feedback/Technical Questions● Proposed Schedule: Future Interactions/Submittals● Review Fee Waiver (burnup extension licensing criteria guide) | All |
| 11:40 | Adjourn | |

ATTACHMENT

cc: Mr. Ralph Beedle
Senior Vice President
and Chief Nuclear Officer
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Electric Power Research Institute

Project No. 669

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J. Wermiel

F. Akstulewicz

R. Caruso

E. Rossi, RES

F. Eltawila, RES

R. Meyer, RES

M. Tschiltz, EDO

D. Meyer, RDB

S. Treby, OGC

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