

IN RESPONSE, PLEASE
REFER TO: M100415

May 17, 2010

MEMORANDUM TO: R. W. Borchardt
Executive Director for Operations

FROM: Annette Vietti-Cook, Secretary */RA/*

SUBJECT: STAFF REQUIREMENTS – BRIEFING ON RESOLUTION OF
GENERIC SAFETY ISSUE (GSI) – 191, ASSESSMENT OF
DEBRIS ACCUMULATION ON PRESSURIZED WATER (PWR)
SUMP PERFORMANCE, 9:30 A.M., THURSDAY, APRIL 15,
2010, COMMISSIONERS' CONFERENCE ROOM, ONE WHITE
FLINT NORTH, ROCKVILLE, MARYLAND (OPEN TO PUBLIC
ATTENDANCE)

The Commission was briefed by an industry panel and the NRC staff on the ongoing efforts to resolve GSI-191.

Because of the number of significant matters that remain unresolved, the staff should not transmit letters to licensees under 10 CFR 50.54(f) on the subject of GSI-191, pending further direction from the Commission. The staff should continue to engage external stakeholders and pursue realistic and holistic assessments, such as the Integrated Review Team approach.

The staff should submit to the Commission a Notation Vote policy paper on potential approaches to bring GSI-191 to closure. The discussion of the options should address such factors as the Commission's ALARA policy concerning radiation dose, worker hazardous material exposure, and risk-informed versus deterministic treatment of remaining elements. The items to be discussed in the paper should include, but need not be limited to:

1. Determining the realistic Zone of Influence and the need for additional testing.
2. Application of General Design Criterion (GDC) 4 (as referenced in letters from NEI (4/7/10 and 4/27/10) and UCS letter (4/14/10)).
3. Consideration of in vessel effects of different types of fuel.
4. Ongoing rulemaking to revise 10 CFR 50.46a, and the development of implementing guidance.
5. Feasibility of alternative regulatory treatment of in-vessel effects.

(EDO)

(SECY Suspense: 8/27/10)

As the staff proceeds towards the resolution of GSI-191, it should keep the Commission informed whether the issues being addressed for Pressurized Water Reactors raise any concerns for the operation of Boiling Water Reactors. The staff should consult with CRGR, as appropriate, to ensure compliance with backfit requirements.

cc: Chairman Jaczko
Commissioner Svinicki
Commissioner Apostolakis
Commissioner Magwood
Commissioner Ostendorff
OGC
CFO
OCA
OIG
OPA
Office Directors, Regions, ACRS, ASLBP (via E-Mail)
PDR