

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555

February 25, 1988

MEMORANDUM FOR THE RECORD

FROM: Samuel J. Chilk, Secret

SUBJECT: BRIEFING BY GE ON NEW STANDARDIZED PLANTS,
2:00 P.M., TUESDAY, JAN 26, 1988, COMMIS-
SIONERS' CONFERENCE ROOM, D.C. OFFICE (OPEN
TO PUBLIC ATTENDANCE)

The Commission* was briefed by representatives of the General Electric Company (GE) on the status of its advanced boiling water reactor submittal for licensing certification.

Presentations by the applicant were made by the following:

- Bertram Wolfe
Vice President and General Manager
- Daniel R. Wilkins
General Manager ABWR Program
- Joe Quirk, Manager
ABWR Certification

Chairman Zech made the following requests of GE:

- Ø The safety analysis report submittal, should address all differences in design and practices between the submittal for U.S. certification and the plant(s) to be built in Japan.
- Ø The submittal for plant certification should include the total balance of plant design.
- Ø Carefully test the acceptability of the advanced electronic and control systems.
- Ø Incorporate human factors engineering early in the design

development of the systems.

ø Continue to work closely with the ACRS.

* Commissioner Carr was not present.

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Commissioner Roberts requested GE to address at the next Commission briefing the apparent inconsistencies within Tokyo Electric Power Company's brochure, "Advanced Boiling Water Reactor." (The brochure states that current BWRs in Japan are constructed in 60 months but projects a construction period for the Kashiwazaki plants of up to 83 months.)

Commissioner Bernthal recommended that GE address all technical issues before the licensing review boards prior to certification. At his request, General Electric agreed to address at its next Commission briefing the confidence level it intends to meet when designing its plant to an acceptance criteria of core damage frequency of less than 10 per reactor-year and a frequency of exceeding 25 rem at less than 10⁻⁶ per reactor-year.

The General Counsel's office informed the Commission of ongoing efforts to develop a simplified licensing process based on present regulatory authority.

cc: Chairman Zech
Commissioner Roberts
Commissioner Bernthal
Commissioner Carr
Commissioner Rogers
OGC (H Street)
GPA
EDO
PDR - Advance
DCS - 016 Phillips