



OFFICE OF THE SECRETARY

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

IN RESPONSE, PLEASE REFER TO: M900718

August 22, 1990

Action: Murley, NRR

- Cys: Taylor, Sniezek, Thompson, Blaha, Beckjord, RES, Virgilio, NRR, Scroggins, OC, Scinto, OGC

MEMORANDUM FOR: James M. Taylor, Executive Director for Operations; William C. Parler, General Counsel; FROM: Samuel J. Chilk, Secretary; SUBJECT: STAFF REQUIREMENTS - BRIEFING ON ESSENTIALLY COMPLETE DESIGN ISSUE FOR PART 52 SUBMITTALS (SECY-90-241), 2:00 P.M., WEDNESDAY, JULY 18, 1990, COMMISSIONERS' CONFERENCE ROOM, ONE WHITE FLINT NORTH, ROCKVILLE, MARYLAND (OPEN TO PUBLIC ATTENDANCE)

The Commission was briefed by the NRC staff on the implementation of Part 52 with respect to an essentially complete design.

The Commission requested the staff to provide a paper in advance of each semi-annual briefing addressing current issues pending resolution, any changes in schedule, specific accomplishments in the six months preceding the briefing, the current critical path, and projected personnel resource needs for the next six months, including any anticipated personnel resource shortages. The staff is already committed to provide a semi-annual briefing on the progress of design certification reviews (SRM M900427 dated 6/18/90).

{EDO} (NRR) (SECY Suspense: 11/5/90) 9000143

In addition, the Commission requested a paper describing the advantages and disadvantages of the two-tier approach proposed by industry for design certification. (The Commission also requested staff's recommendations on those structures, systems and components for which it may not be feasible or practical to achieve a level of design detail in the application consistent with levels 1 and 2 described by the staff in SECY-90-241 and why it is not feasible or practical to supply such design detail. Staff should also advise the Commission of those structures, systems and components for which level 1 design detail is not necessary to achieve standardization.)

Rec'd Off. EDO Date 8-23-90 Time 7:45

Commissioner Remick, while strongly supporting the need for standardization, believes that there is a need for some controlled flexibility, beyond what Section 50.12 permits, to provide for technological advancement, component unavailability, and construction deviations. Commissioner Remick requested the staff to consider the pros and cons of incorporating an "ASARA" principle (As Standard As Reasonably Achievable) into a two-tier approach to provide such flexibility while preserving standardization throughout the life of a certified plant.

BG

{EDG/OGC}
(NRR)

(SECY Suspense: 9/28/90)

9000195

The staff should provide the Commission an analysis of the public comments received on SECY-90-241.

MV

{EDG} (NRR)

(SECY Suspense: 9/28/90)

9000090

[The staff should provide the Commission a description of what, specifically, is envisioned in the "standardization portion" of the review, as that term is used in SECY-90-241,] including a description of the process that the staff will use for collating the experience gained from existing reactors and applying those lessons in the review of future designs.

BG

MV

{EDG} (NRR)

(SECY Suspense: 9/28/90)

9000196

- cc: Chairman Carr
- Commissioner Rogers
- Commissioner Curtiss
- Commissioner Remick
- GPA
- ACRS
- PDR - Advance
- DCS - P1-24