

IN RESPONSE, PLEASE
REFER TO: M920305A

April 1, 1992

MEMORANDUM FOR: David A. Ward, Chairman
Advisory Committee on Reactor Safeguards

FROM: Samuel J. Chilk, Secretary

SUBJECT: STAFF REQUIREMENTS - PERIODIC MEETING WITH
THE ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
(ACRS), 2:00 P.M., THURSDAY, MARCH 5, 1992,
COMMISSIONERS' CONFERENCE ROOM, ONE WHITE
FLINT NORTH, ROCKVILLE, MARYLAND (OPEN TO
PUBLIC ATTENDANCE)

The Commission¹ was briefed by members of the Advisory Committee on Reactor Safeguards (ACRS) on the following topics:

1. Use of Design Acceptance Criteria (DAC) for Design Certification
2. Proposed 10 CFR Part 50 and Part 100 (Nonseismic) Rule Changes and Proposed Update of Source Term, and
3. Advanced Reactor Reviews.

The Commission requested that ACRS continue to review the use of DAC in the design certification process. Attention should be focused on the evolving technologies in software, control room design, instrumentation, and microprocessors where experience is more limited and the full range of potential effects may not be understood. DAC should also be structured to ensure that obsolescent technology is not certified. This area should be considered a standing topic for future ACRS meetings with the Commission.

The Commission is interested in what ACRS would consider to constitute an acceptable DAC within the limited scope of those few systems for which DAC should apply.

(ACRS)

(SECY Suspense:

7/26/92)

¹ Commissioner Remick was on official travel and did not attend this meeting.

The Commission requested that the ACRS provide updates on the status of advanced reactor reviews in all future meetings with the Commission.

The ACRS should continue to review the vendors' proposed test programs to support design certification as well as the staff's proposed confirmatory test activities. Periodic updates in this area should be provided to the Commission.

(ACRS) (SECY Suspense: 7/26/92)

The ACRS was requested to review in some detail representative ITAACs submitted by the General Electric Company in support of its ABWR submittal and provide the Commission its recommendations.

(ACRS) (SECY Suspense: 8/21/92)

The Commission is interested in the ACRS's view on the role of regulation and its impact on safety. This topic was briefly mentioned in the meeting, but should be an area of continuing dialogue between the ACRS and the Commission.

cc: The Chairman
Commissioner Rogers
Commissioner Curtiss
Commissioner Remick
Commissioner de Planque
EDO
OGC
OCAA
OIG
PDR - Advance
DCS - P1-24