

June 26, 2008

MEMORANDUM TO: Frank P. Gillespie, Executive Director
Advisory Committee on Reactor Safeguards

R. W. Borchardt
Executive Director for Operations

FROM: Annette Vietti-Cook, Secretary /RA/

SUBJECT: STAFF REQUIREMENTS - MEETING WITH ADVISORY COMMITTEE ON REACTOR SAFEGUARDS (ACRS),
THURSDAY, JUNE 5, 2008, COMMISSIONERS' CONFERENCE ROOM, ONE WHITE FLINT NORTH, ROCKVILLE,
MARYLAND (OPEN TO PUBLIC ATTENDANCE)

The Commission met with the Advisory Committee on Reactor Safeguards (ACRS) to discuss the Committee's activities. The ACRS gave an overview of their areas of focus and provided more detailed presentations on the following topics: Safety Research Program, Digital Instrumentation and Control (I&C) issues, State-of-the-Art Reactor Consequence Analyses (SOARCA), Economic Simplified Boiling Water Reactor (ESBWR) Design Certification, and Extended Power Uprates and Related Technical Issues.

At the next Commission briefing on digital I&C, the staff should report the progress made with respect to identifying and analyzing digital I&C failure modes, and discuss the feasibility of applying failure mode analysis to quantification of risk associated with digital I&C.

The staff should continue working to address Committee concerns, such as with SOARCA, digital I&C, and containment overpressurization, and, as necessary and appropriate, provide timely policy decision papers to the Commission to resolve any disagreements.

Staff direction regarding SOARCA will be provided in the Staff Requirements Memorandum for SECY-08-0029, "State-of-the-Art Reactor Consequence Analysis – Reporting Offsite Health Consequences," which is currently before the Commission for voting.

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