

February 18, 2009

IN RESPONSE, PLEASE
REFER TO: M090204B

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

FROM: Andrew L. Bates, Acting Secretary */RA/*

SUBJECT: STAFF REQUIREMENTS - BRIEFING ON RISK-INFORMED,
PERFORMANCE-BASED REGULATION, 1:30 P.M.,
WEDNESDAY, FEBRUARY 4, 2009, COMMISSIONERS'
CONFERENCE ROOM, ONE WHITE FLINT NORTH,
ROCKVILLE, MARYLAND (OPEN TO PUBLIC ATTENDANCE)

The Commission was briefed by representatives of the nuclear power industry, the Union of Concerned Scientists (UCS), the Electric Power Research Institute (EPRI), the American Society of Mechanical Engineers (ASME), the American Nuclear Society (ANS), and the NRC staff on development and application of risk-informed, performance-based regulation at nuclear power plants and materials and waste facilities, and on the status of PRA standards development and PRA quality.

The staff should continue to pursue possibly working with the Electric Power Research Institute (EPRI), the Institute of Nuclear Power Operations (INPO), and/or international partners to test U.S. nuclear plant operating crews' performance in a variety of situations and keep the Commission informed on the progress in developing a Human Reliability Analysis (HRA) database and benchmarking projects.

The staff should keep the Commission informed on the progress toward the resolution of treatment requirements for safety-related, low safety-significant Structures Systems and Components (SSCs), also referred to as Risk-Informed Safety Class 3 (RISC-3) SSCs, as they pertain to the implementation of 50.69.

The staff should keep the Commission informed on the progress toward the development of risk-informed, performance-based rulemaking associated with 50.46a, 50.46(b), and General Design Criteria 35.

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