



UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
WASHINGTON, DC 20555 - 0001

September 28, 2007

MEMORANDUM TO: ACRS Members

FROM: Charles G. Hammer, Senior Staff Engineer */RA/*
Reactor Safety Branch, ACRS

SUBJECT: TRANSMITTAL OF REVIEW MATERIALS FOR ESBWR
SUBCOMMITTEE MEETING

The ESBWR Subcommittee will meet on October 25, 2007 to discuss the NRC staff draft safety evaluation report (DSER) with open items for four chapters (5, 10, 11, and 12) of the Design Certification review.

To prepare for this meeting, the following information is attached:

1. DSER with open items for Chapter 10, "Steam and Power Conversion System" and cover memo (ML070720143 and ML070350529)
2. DSER with open items for Chapter 11, "Radioactive Waste Management" and cover memo (ML072340212 and ML072340198)
3. DSER with open items for Chapter 12, "Radiation Protection" and cover memo (ML071730022 and ML072340020)

The DSER with open items for Chapter 5, "Reactor Coolant System and Connected Systems" and cover memo (ML070780172 and ML072290103) were previously transmitted to you on September 7, 2007. The ESBWR Design Control Document, Revision 3, was transmitted to you on July 19, 2007.

Note that these documents contain Unclassified Safeguards and Proprietary information and should not be distributed to others.

The proposed schedule and status report will be issued at a later date.

If you have any questions, please contact me at (301) 415-7363 (cgh@nrc.gov).

cc w/o Attachments: F. Gillespie
S. Duraiswamy
C. Santos