July 20, 2007

MEMORANDUM TO: Brent Clayton, Chief
Environmental Technical Support Branch
Division of Site and Environmental Reviews
Office of New Reactors

FROM: James E. Lyons, Director ***/RA/***
Division of Site and Environmental Reviews
Office of New Reactors

SUBJECT: TRANSMITTAL OF PROPOSED REVISION TO ENVIRONMENTAL STANDARD REVIEW PLAN NUREG-1555 REV 1 OF SECTIONS 7.2 AND 7.3

The purpose of this memorandum is to transmit the proposed revisions to NUREG-1555, Environmental Standard Review Plan (ESRP), Sections 7.2, Rev. 1, "Severe Accidents", and 7.3, Rev.1, "Severe Accident Mitigation Alternatives". These documents are technically complete, reformatted following the guidelines in LIC-200, "Standard Review Plan Process," and are designated "publically available."

The present revisions update the versions of these documents that were published in March 2000. The revised portions of the ESRP Sections have been highlighted to aid in identifying the technical information that has been added or revised.

In addition, these revisions have been administratively updated using the guidance in NRR Office Instruction, LIC-200. The administrative update is comprised of assigning the review responsibilities by function, with the responsible organizations maintained separately from the ESRP itself to minimize impacts of office reorganizations, and editorial and formatting changes.

Numerous substantive technical changes were made to Section 7.2. Most of the changes to Section 7.3 are clarifications. A list of the specific changes to each section are summarized in change description lists included in the background section, together with a redline strikeout to the March 2000 version of both sections.

CONTACT: E. Fuller, NRO/DSRA/SPLB
301-415-1975

This memo and its enclosures will be made publicly available as a preliminary ESRP section revision. It will be formally published following reconciliation against the ongoing Part 52 rulemakings and regulatory guide updates, including the planned update to RG 4.2,"Preparation of Environmental Reports for Nuclear Power Stations." After formal issuance, the ESRP will be available for public comment. Comment resolution will be addressed in subsequent ESRP revisions. Prior to revision to individual sections, comment resolution may establish a basis for how alternatives to the NUREG-1555 acceptance criteria provide an acceptable method of complying with the NRC's regulations.

For questions concerning these documents, please contact Ed Fuller at 301-415-1975

Enclosures: As stated

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