January 25, 2007

MEMORANDUM TO: Douglas W. Weaver, Chief
Guidance, Infrastructure, and Financial Review Branch
Division of New Reactor Licensing
Office of New Reactors

FROM: Patrick L. Hiland, Director ***/RA by Kenneth G. O'Brien for/***
Division of Engineering
Office of Nuclear Reactor Regulation

SUBJECT: TRANSMITTAL OF PROPOSED REVISION TO STANDARD REVIEW PLAN NUREG-0800 SECTION 8.4, REV 0, "STATION BLACKOUT"

The purpose of this memorandum is to transmit the proposed NUREG-0800, Standard Review Plan (SRP), Section 8.4, Rev. 0, "Station Blackout." This document is technically complete, reformatted in conformance with LIC-200, "Standard Review Plan Process," and is designated "publically available."

In accordance with the staff requirements memorandum dated May 10, 2005, on the April 6, 2005 Commission meeting, the Office of New Reactors (NRO) and the Office of Nuclear Reaction Regulation (NRR) have created a new SRP Section 8.4 (Enclosure) to address Station Blackout. This section is being developed to provide guidance for 10 CFR 50.63, "Loss of All Alternating Current Power." This information was originally included within Appendix B to Draft SRP Section 8.2, dated April 1996.

In addition, this section has been administratively prepared in accordance with 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 SRP itself to minimize impacts of office reorganizations, and editorial and formatting changes. The section also adds standard paragraphs to extend application of the updated SRP section to prospective submittals by applicants pursuant to 10 CFR Part 52.

The staff has determined that this section does not involve any new staff positions. Most of the SRP sections will be issued as final versions without publishing them as draft and requesting comment. The staff developed the SRP in this manner to provide a more up-to-date SRP in light of the requirement in 10 CFR 50.34(h) for an applicant to evaluate its facility against the SRP in effect six months before the docket date of the application.

CONTACT: Amar Pal, EEEA/DE/NRR
301-415-2760

Chau (John) Nguyen, NGIF/DNRL/NRO
301-415-1177

In addition, this memo and its enclosure will be made publically available as a preliminary SRP section. It will be formally published following reconciliation against the ongoing Part 52 rulemaking and regulatory guide updates including Regulatory Guide 1.206, “Combined License Applications for Nuclear Power Plants (LWR Edition).” After formal issuance, the SRP will be available for public comment. Comment resolution will be addressed in subsequent SRP revisions. Prior to revision to individual sections, comment resolution may establish a basis for how alternatives to the NUREG-0800 acceptance criteria provide an acceptable method of complying with the NRC's regulations.

For questions concerning this document, please contact Amar Pal at 301-415-2760 or Chau (John) N. Nguyen at 301-415-1177.

Enclosure:
As stated