



10 CFR 72.70

Serial: RNP-RA/06-0071

AUG 07 2006

ATTN: Document Control Desk  
Director, Spent Fuel Project Office  
Office of Nuclear Material Safety and Safeguards  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
INDEPENDENT SPENT FUEL STORAGE INSTALLATION  
DOCKET NO. 72-3/LICENSE NO. SNM-2502

SUBMITTAL OF REVISION 20 TO THE  
INDEPENDENT SPENT FUEL STORAGE INSTALLATION SAFETY ANALYSIS REPORT

Ladies and Gentlemen:

In accordance with the requirements of 10 CFR 72.70, Carolina Power and Light Company, also known as Progress Energy Carolinas, Inc., is submitting Revision 20 to the Safety Analysis Report (SAR) for the H. B. Robinson Steam Electric Plant (HBRSEP), Unit No. 2, Independent Spent Fuel Storage Installation (ISFSI).

The enclosed CD-ROM contains the entire SAR. The pages that have been revised since the previous submittal are indicated as Revision 20 in the Effective Page List file 001-ISAR\_EPL.pdf on the CD-ROM and at the bottom of each revised page. Some of the changes are associated with the license renewal of the facility, which was issued by the NRC on March 30, 2005. The other changes did not involve changes to the physical design or design analyses of the facility and did not require an evaluation in accordance with 10 CFR 72.48. The attachment provides a listing and description of the files on the enclosed CD-ROM.

Additional CD-ROM copies of the SAR are being provided to the Nuclear Regulatory Commission (NRC) Region II Administrator, the HBRSEP, Unit No. 2, NRC Project Manager, and the HBRSEP, Unit No. 2, NRC Resident Inspector.

The applicable administrative procedure for revising the Safety Analysis Report specifies the process for identification, review, and approval of changes to the Safety Analysis Report. The use of this process provides substantial assurance of the validity of the Safety Analysis Report revision. Therefore, based on the use of this procedural process for the Safety Analysis Report revision, I certify that the information contained in the enclosure accurately presents changes made since the previous submittal to the NRC.

Progress Energy Carolinas, Inc.  
Robinson Nuclear Plant  
3581 West Entrance Road  
Hartsville, SC 29550

nmss01

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If you have any questions concerning this matter, please contact Mr. C. T. Baucom at  
(843) 857-1253.

Sincerely,

A handwritten signature in black ink, appearing to read "T. D. Walt". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

T. D. Walt  
Vice President, HBRSEP, Unit No. 2

RAC/rac

Attachment  
Enclosure

c: NRC Resident Inspector, HBRSEP  
Dr. W. D. Travers, NRC, Region II  
Mr. C. P. Patel, NRC, NRR

**H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2**

**CD-ROM FILE LISTING AND DESCRIPTION**

File Description: Files are Adobe Acrobat '.pdf' and are text searchable.

File Listing:

| <u>File Name</u>  | <u>File Size</u> | <u>Sensitivity Level</u> |
|-------------------|------------------|--------------------------|
| 001-ISAR_EPL.pdf  | 38 KB            | Publicly available       |
| 002-ISAR_TOC.pdf  | 41 KB            | Publicly available       |
| 003-ISAR_1_0.pdf  | 672 KB           | Publicly available       |
| 004-ISAR_2_0.pdf  | 34 KB            | Publicly available       |
| 005-ISAR_3_0.pdf  | 63 KB            | Publicly available       |
| 006-ISAR_4_0.pdf  | 313 KB           | Publicly available       |
| 007-ISAR_5_0.pdf  | 609 KB           | Publicly available       |
| 008-ISAR_6_0.pdf  | 24 KB            | Publicly available       |
| 009-ISAR_7_0.pdf  | 370 KB           | Publicly available       |
| 010-ISAR_8_0.pdf  | 570 KB           | Publicly available       |
| 011-ISAR_9_0.pdf  | 53 KB            | Publicly available       |
| 012-ISAR_10_0.pdf | 63 KB            | Publicly available       |
| 013-ISAR_11_0.pdf | 15 KB            | Publicly available       |