

BEFORE THE
UNITED STATES
ATOMIC ENERGY COMMISSION

AMENDMENT NO. 40

TO

APPLICATION BY FLORIDA POWER CORPORATION
FOR A SECTION 104b CONSTRUCTION PERMIT
AND LICENSE FOR A UTILIZATION FACILITY

DOCKET NO. 50-302

Florida Power Corporation, a corporation organized and existing under the laws of the State of Florida, Applicant for an operating license and construction permit for Crystal River Unit 3 Nuclear Generating Plant, hereby amends its Application by the filing of Amendment No. 40.

Amendment No. 40 consists of updated pages to the Final Safety Analysis Report (FSAR) which reflect those modifications in the plant design that resulted from meetings with members of your staff in Bethesda on April 23, 24, and 25, and at the Crystal River Nuclear Plant site on April 29, 30 and May 1, 1974. In addition, Amendment No. 40 contains revisions to the FSAR to incorporate new organizational changes and miscellaneous update pages.

This amendment to the Application contains no restricted data or other defense information.

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IN WITNESS WHEREOF, the applicant has caused its name to be hereunto signed by J. T. Rodgers, Asst. Vice President, and its corporate seal to be hereunto affixed by Betty M. Clayton, Asst. Secretary, thereunto duly authorized the 20th day of June, 1974.

FLORIDA POWER CORPORATION

By J. T. Rodgers
J. T. Rodgers
Asst. Vice President

ATTEST:

Betty M. Clayton
Betty M. Clayton
Asst. Secretary

(CORPORATE SEAL)

Sworn to and subscribed before me this 20th day of June, 1974.

[Signature]
Notary Public

My Commission Expires:

Notary Public State of Florida at Large
My Commission Expires July 9, 1974

(NOTARIAL SEAL)

AMENDMENT NO. 40

FLORIDA POWER CORPORATION
CRYSTAL RIVER PLANT UNIT 3

Amendment 40 to the Florida Power Corporation's Final Safety Analysis Report includes additional information and updated pages.

The sheets of the Florida Power Corporation's Final Safety Analysis Report that are to be removed and those to be inserted, dated 7-3-74, are listed below.

Remove the following sheets:

Pages: Foreword - ~~E-2~~, F-3, F-4
(Volume 1 only).

Pages: 1-xiii, 1-17, 1-18, 1-41, 1-42, 1-43, 1-43a, 1-45, 1-46, 1-46a, 1-47, 1-48, 1-49, 1-50, 1-51, 1-58a, 1-58b, 1-58c, 1-58d, 1-58e, 1-58f, 1-58g, 1-58h, 1-58i, 1-58j, 1-58k, 1-58l, 1-58m, 1-58n, 1-58o, 1-58p, 1-58q, 1-59, 1-60, 1-61, 1-62, 1-65, and 1-66.

Figures: ~~1-22~~, 1-23, 1-24, 1-28, and 1-29.

Pages: ~~4-13b~~, 4-14.

Pages: 5-1, 5-2, 5-15, 5-15a, 5-57, 5-57a, 5-65, 5-65a, 5-87, and 5-88.

Pages: 6-13, ~~6-14~~, 6-29, and 6-30.

Pages: 7-iii, 7-iv, 7-1, 7-1a, 7-9, 7-9a, 7-29, 7-30, 7-36a, 7-37, 7-38, 7-47, 7-48, 7-48a, and 7-57.

Figure: 7-5.

Pages: 8-1, 8-iv, 8-3, 8-3a, 8-4, 8-4a, 8-5, 8-5a, 8-6, 8-6a, 8-7b, 8-7c, 8-7d, 8-7e, 8-9b, 8-9c, 8-9d, 8-10, 8-11a, 8-13, 8-14, 8-17, 8-18, and 8-19.

Figures: 8-9 and 8-10.

Insert the following sheets:

Pages: Foreword - ~~F-2~~, F-3, F-4
(Volume 1 only).

Pages: 1-xiii, 1-17, 1-18, 1-41, 1-42, 1-42a, 1-43, 1-43a, 1-45, 1-46, 1-46a, 1-47, 1-48, 1-49, 1-50, 1-51, 1-58a, 1-58b, 1-58c, 1-58d, 1-58e, 1-58f, 1-58g, 1-58h, 1-58i, 1-58-j, 1-58k, 1-58l, 1-58m, 1-58n, 1-58o, 1-58p, 1-58q, 1-59, 1-60, 1-61, 1-62, 1-65, and 1-66.

Figures: ~~1-22~~, 1-23, 1-24, 1-28, and 1-29.

Pages: ~~4-13b~~, 4-14.

Pages: 5-1, 5-2, 5-15, 5-15a, 5-57, 5-57a, 5-65, ~~5-65a~~, 5-87, and 5-88.

Pages: 6-13, 6-14, 6-29, and 6-30.

Pages: 7-iii, 7-iv, 7-1, 7-1a, 7-9, 7-9a, 7-29, 7-29a, 7-30, 7-36a, 7-37, 7-38, 7-47, 7-48, 7-48a, and 7-57.

Figure: 7-5.

Pages: 8-1, 8-iv, 8-3, 8-3a, 8-4, 8-4a, 8-5, 8-5a, 8-6, 8-6a, 8-7b, 8-7c, 8-7d, 8-7e, 8-9b, 8-9c, 8-9d, 8-10, 8-11a, 8-13, 8-14, 8-17, 8-18, and 8-19.

Figures: 8-9 and 8-10.

Remove the following sheets:

Pages: 9-iv, 9-32c, 9-34c, 9-34d, 9-34i, and 9-34j.

Pages: 10-iii, 10-1, 10-2, 10-3, 10-3a, 10-5, and 10-5a.

Figures: 10-1, 10-2, 10-2A, and 10-3A.

Pages: 11-6, 11-7, 11-21, and 11-21a.

Pages: 12-ii, 12-1, 12-2, 12-3, 12-4, 12-4a, 12-7, 12-8, 12-9, 12-10, 12-11, and 12-12.

Figures: 12.1-1, 12.1-2, 12.1-3, 12.1-4, and 12.1-5.

Pages: 12A-i, 12A-1, 12A-2, 12A-9, 12A-10, 12A-11, 12A-12, 12A-21, 12A-22, 12A-23, 12A-24, 12A-25, 12A-26, 12A-27, 12A-28, 12A-29, 12A-30, 12A-31, 12A-32, 12A-33, 12A-34, 12A-35, 12A-36, 12A-37, 12A-38, 12A-39, 12A-40, 12A-41, 12A-42, 12A-42a, 12A-43, 12A-44, 12A-45, 12A-46, 12A-46a, 12A-46b, 12A-46c, 12A-46d, 12A-47, 12A-48, 12A-51, 12A-52, 12A-53, 12A-54, 12A-55, 12A-56, 12A-57, 12A-58, 12A-69, and 12A-70.

Pages: 12B-vi.

Pages: 13-1, 13-2, 13-13, and 13-14.

Figures: 13-1, 13-2, and 13-3.

Pages: 14-i, 14-18d, 14-18e.

Insert the following sheets:

Pages: 9-iv, 9-32c, 9-34c, 9-34d, 9-34i, 9-34ia, and 9-34j.

Pages: 10-iii, 10-1, 10-2, 10-3, 10-3a, 10-5, and 10-5a.

Figures: 10-1, 10-2, 10-2A, and 10-3A.

Pages: 11-6, 11-7, 11-21, and 11-21a.

Pages: 12-ii, 12-1, 12-2, 12-3, 12-4, 12-4a, 12-7, 12-8, 12-9, 12-10, 12-11, and 12-12.

Figures: 12.1-1, 12.1-2, 12.1-3, 12.1-4, and 12.1-5.

Pages: 12A-i, 12A-1, 12A-2, 12A-9, 12A-10, 12A-11, 12A-12, 12A-21, 12A-22, 12A-23, 12A-24, 12A-25, 12A-26, 12A-27, 12A-28, 12A-29, 12A-30, 12A-31, 12A-32, 12A-33, 12A-34, 12A-35, 12A-36, 12A-37, 12A-38, 12A-39, 12A-40, 12A-41, 12A-42, 12A-42a, 12A-43, 12A-44, 12A-45, 12A-46, 12A-46a, 12A-46b, 12A-46c, 12A-46d, 12A-47, 12A-48, 12A-51, 12A-52, 12A-53, 12A-54, 12A-55, 12A-56, 12A-57, 12A-58, 12A-69, and 12A-70.

Pages: 12B-vi, Cover - Attachment A-3, A3-1, and A3-2.

Pages: 13-1, 13-2, 13-13, and 13-14.

Figures: 13-1, 13-2, and 13-3.

Pages: 14-i, 14-iva, 14-18d, 14-18e, 14-53b, 14-53c, 14-53d, 14-93, 14-94, and 14-95.

Technical Specifications (Section 15)

Pages: 15-31, 15-35, 15-36, 15-41, 15-51, 15-62, 15-63, 15-77, 15-82, and 15-127.

Pages: 15-31, 15-35, 15-36, 15-41, 15-51, 15-62, 15-63, 15-77, 15-82, and 15-127.