

Duke Power Company
 Charlotte, North Carolina 28201
 A. C. Thies

| | | |
|--|--------------------------------------|----------------------|
| DATE OF DOCUMENT 7-9-70 | DATE RECEIVED 7-9-70 | NO.: |
| LTR. <input checked="" type="checkbox"/> | MEMO: | PORT: |
| ORIG. <input checked="" type="checkbox"/> | CC: | OTHER: |
| 3 signed & 70 conf'd | | |
| ACTION NECESSARY <input type="checkbox"/> | CONCURRENCE <input type="checkbox"/> | DATE AND INDEXED BY: |
| NO ACTION NECESSARY <input type="checkbox"/> | COMMENT <input type="checkbox"/> | |
| FILE CODE: | 50-269 | 50-270 50-287 |
| REFERRED TO | DATE | RECEIVED BY |
| Long w/4 cys for ACTION | 7-10-70 | |
| DISTRIBUTION: | | DO NOT REMOVE |
| Regulatory file (Ltr Only 50-270/287) | | |
| AEC PDR (Ltr Only 50-270/287) | | |
| Compliance (2) | | Rosen |
| OGC (Rm P 506A) | | Collins (2) |
| Dube/Wilson | | D. Thompson |
| Boyd | | DTIE (Laughlin) |
| DeYoung | | NSIC (Buchanan) |
| Howe | | AEC HQ LIB J 004 |
| Maccary | | ASLE (Yore "H" St) |
| Dromerick (3) | | Case (Reading File) |
| Holt | | |
| Minogue | | |
| Moore | | |

Dr Peter A. Morris

CLASSIF: U
 POST OFFICE
 REG. NO:

DESCRIPTION: (Must Be Unclassified)
 Ltr trans the following:

ENCLOSURES:
 AMDT # 15, notarized 7-7-70 consisting of:
 Rev # 7 to FEAR including Suppl # 4 (Part of Rev # 7) w/addl info re our 2-13, 3-3 & 4-15-70 ltrs.
 (3 Orig signed cys Amdt # 15 & 70 cys Rev # 7 rec'd)

REMARKS:
 Holding (18) cys for ACR3

ACKNOWLEDGED

7911180033

K

DUKE POWER COMPANY
POWER BUILDING
422 SOUTH CHURCH STREET, CHARLOTTE, N. C.

Regulatory File Cy.

A. C. THIES
VILL. PRESIDENT
PRODUCTION AND OPERATION

P. O. Box 2178
28201

July 9, 1970

Dr. Peter A. Morris, Director
Division of Reactor Licensing
Atomic Energy Commission
Washington, D. C. 20545



Re: Oconee Units 1, 2, & 3
Docket Nos. 50-269, -270, and -287

Dear Dr. Morris:

Duke Power Company is filing herewith Amendment No. 15 to its Application for Licenses for the Oconee Nuclear Station, which is under construction pursuant to provisional construction permits CPPR-33, -34, and -35 issued by the Commission on November 6, 1967. This filing includes three (3) signed original copies of the Amendment with attachments and seventy (70) copies of Revision No. 7 to the Oconee Final Safety Analysis Report, which was filed as Amendment No. 7 on June 2, 1969.

This Amendment also incorporates by reference, as part of our license application, Babcock & Wilcox Topical Report BAW-10008, Part 1, Rev. 1, "Reactor Internals Stress and Deflection Due to LOCA and Maximum Hypothetical Earthquake," dated June, 1970, which has been submitted to you by Babcock & Wilcox.

The Amendment is in a format designed to keep current the application and the Final Safety Analysis Report. Please add the supplementary material and insert the revised pages as replacements for existing pages in the seventy-three (73) copies of the Final Safety Analysis Report (Serial Nos. 1-73), as per the attached tabulation identified as FSAR Revision No. 7.

FSAR Supplement 4 (Part of FSAR Revision No. 7) responds to the questions attached to Dr. Peter A. Morris's letters of March 3 and April 15, 1970; includes information supplementing previous answers to questions 4.11 and 7.22 of DRL's letter of February 13, 1970; and also identifies additional information voluntarily submitted. Where feasible, the information has been incorporated into the appropriate sections of the FSAR. The Supplement tabulates the questions in the same format as the Director's letters, giving the information or the reference where it is found.

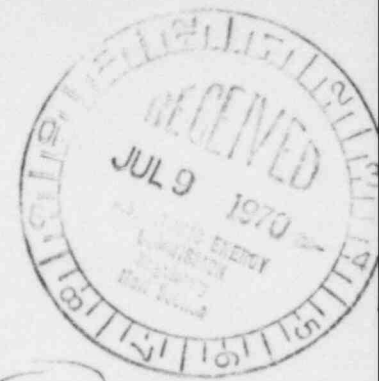
Sincerely,

A. C. Thies

dpm

2147d

BEFORE THE
UNITED STATES ATOMIC ENERGY COMMISSION



IN THE MATTER OF)
DUKE POWER COMPANY)

DOCKET NOS. 50-269
50-270
50-287

AMENDMENT NO. 15
TO
APPLICATION FOR LICENSES

Regulatory File Cy.
Received w/Ltr Dated 7-9-70

Duke Power Company, Applicant in the above-captioned proceeding, hereby files Amendment No. 15 to its Application for Licenses.

This Amendment No. 15 incorporates the following document appended hereto and made a part hereof:

Revision No. 7 to the Final Safety Analysis Report. This Revision No. 7 includes FSAR Supplement 4 and Substitution and Supplementary pages as indicated to cover various changes and corrections in the Final Safety Analysis Report. The purpose of FSAR Supplement 4 (Part of FSAR Revision No. 7) is to provide and identify the additional information submitted in response to questions contained in letters from Dr. Peter A. Morris, Director, Division of Reactor Licensing, dated February 13, 1970, March 3, 1970, and April 15, 1970, and other additional information voluntarily submitted by Applicant.

This Amendment No. 15 also incorporates by reference, as part of Duke Power Company's Application, the Babcock & Wilcox Topical Report BAW-10008, Part 1, Rev. 1, "Reactor Internals Stress and Deflection Due

to LOCA and Maximum Hypothetical Earthquake," dated June, 1970,
submitted by B&W to the Atomic Energy Commission.

IN WITNESS WHEREOF, Duke Power Company has caused its name
to be hereunto signed by A. C. Thies, its Vice President, and its corporate
seal to be hereto affixed by John C. Goodman, Jr., its Assistant Secretary,
this 7th day of July, 1970.

DUKE POWER COMPANY

By *A.C. Thies*
Vice President

ATTEST:

John C. Goodman, Jr.
Assistant Secretary

NORTH CAROLINA)
MECKLENBURG COUNTY)



A. C. THIES, being duly sworn, states that he is Vice President of Duke Power Company; that he is authorized on the part of said Company to sign and file with the Atomic Energy Commission this Amendment No. 15 to its Application and documents appended thereto; that he has read all of the statements contained in such Application and the documents appended thereto and made a part thereof; and that all such statements made and matters set forth therein are true and correct to the best of his knowledge, information, and belief.

A. C. Thies

A. C. Thies

Subscribed and sworn to before me, a Notary Public in and for the State and County above named, this 7th day of July, 1970.

Elizabeth A. Trimmell

Notary Public

My Commission Expires:

November 21, 1974

DUKE POWER COMPANY
AMENDMENT NO. 15 TO
APPLICATION FOR LICENSES
DOCKET NOS.
50-267, -270, and -287
267

OCONEE NUCLEAR STATION
FINAL SAFETY ANALYSIS REPORT
Revision No. 7
July 9, 1970

CHANGES AND CORRECTIONS:

- 1. Insert new Appendix 7A, "Environmental and Seismic Qualification Testing For Nuclear Instrumentation/Reactor Protection System and Engineered Safeguards Protective System Equipment, " following Section 7 in Volume 2; consisting of tab, Title Sheet, Table of Contents (pages 7A-i-a, 7A-i-b, 7A-ii), pages 7A-1 through 7A-24.

Insert FSAR Supplement 4 at the back of Volume 3 following Supplement 3; consisting of tab, Title Sheet, and pages FSAF Supplement 4-1 through 4-16.

- 2. The following listed pages, tables and figures are to be inserted as replacements for existing pages, tables and figures. Also insert additional material marked "New."

(Please note that vertical lines in each margin and the revision number in the left margin identify portions revised unless otherwise noted at bottom of page.)

| <u>FRONT</u> | <u>BACK</u> | <u>FRONT</u> | <u>BACK</u> |
|----------------|---------------|---------------|---------------|
| 1C-i ✓ | blank ✓ | 2A-31 (New) - | 2A-32 (New) ✓ |
| 1C-4c- | 1C-4C-i (New) | 2A-33 (New) ✓ | 2A-34 (New) ✓ |
| 1C-4c-ii (New) | 1C-4D ✓ | 2A-35 (New) ✓ | 2A-36 (New) ✓ |
| 1C-4m (New) | blank | 2A-37 (New) ✓ | 2A-38 (New) ✓ |
| - - - ✓ | 2-2 ✓ | 2A-39 (New) ✓ | 2A-40 (New) ✓ |
| 2-2a ✓ | blank ✓ | 2A-41 (New) ✓ | 2A-42 (New) ✓ |
| Fig. 2-2 ✓ | blank ✓ | 2A-43 (New) ✓ | 2A-44 (New) ✓ |
| 2A-i ✓ | blank ✓ | 2A-45 (New) ✓ | 2A-46 (New) ✓ |
| 2A-ii ✓ | blank ✓ | 2A-47 (New) ✓ | 2A-48 (New) ✓ |
| 2A-iii ✓ | blank ✓ | 2A-49 (New) ✓ | 2A-50 (New) ✓ |
| 2A-5 ✓ | - - - ✓ | 2A-51 (New) ✓ | 2A-52 (New) ✓ |
| 2A-11 (New) ✓ | 2A-12 (New) ✓ | 2A-53 (New) ✓ | 2A-54 (New) ✓ |
| 2A-13 (New) ✓ | 2A-14 (New) ✓ | 2A-55 (New) ✓ | 2A-56 (New) ✓ |
| 2A-15 (New) ✓ | 2A-16 (New) ✓ | 2A-57 (New) ✓ | 2A-58 (New) ✓ |
| 2A-17 (New) ✓ | 2A-18 (New) ✓ | 2A-59 (New) ✓ | 2A-60 (New) ✓ |
| 2A-19 (New) ✓ | 2A-20 (New) ✓ | 2A-61 (New) ✓ | 2A-62 (New) ✓ |
| 2A-21 (New) ✓ | 2A-22 (New) ✓ | 2A-63 (New) ✓ | 2A-64 (New) ✓ |
| 2A-23 (New) ✓ | 2A-24 (New) ✓ | 2A-65 (New) ✓ | 2A-66 (New) ✓ |
| 2A-25 (New) ✓ | 2A-26 (New) ✓ | 2A-67 (New) ✓ | 2A-68 (New) ✓ |
| 2A-27 (New) ✓ | 2A-28 (New) ✓ | 2A-69 (New) ✓ | 2A-70 (New) ✓ |
| 2A-29 (New) ✓ | 2A-30 (New) ✓ | 2A-71 (New) ✓ | 2A-72 (New) ✓ |

FRONT

2A-73 (New) ✓
Fig. 2A-5 (15 Sheets) (New) ✓
- - - ✓
4A-1 ✓
5-49 ✓
- - - ✓
10-4a (New) ✓
11-9 ✓
Fig. 11-2A (New) ✓
14-i ✓
14-iv ✓
14-iv-i ✓
- - - ✓
14-10a (New) ✓
14-11 ✓
14-12 ✓
- - - ✓
Fig. 14-16 ✓
Fig. 14-17a (New) ✓
Fig. 14-18 ✓

BACK

blank ✓
Fig. 2A-6 (15 Sheets) (New)
4-36 ✓
blank ✓
5-50 ✓
5B-10 ✓
10-4 ✓
blank ✓
- - - ✓
blank ✓
blank ✓
blank ✓
blank ✓
14-10 ✓
14-10b (New) ✓
14-11a ✓
blank ✓
Fig. 14-15a (New) ✓
Fig. 14-17 ✓
Fig. 14-17b (New) ✓
blank ✓