Mr. J. A. Scalice
Chief Nuclear Officer
and Executive Vice President
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, Tennessee 37402-2801

SUBJECT:

SAFETY EVALUATION SUPPLEMENT, BROWNS FERRY NUCLEAR PLANT

UNITS 2 AND 3 - RADIOLOGICAL DOSE CALCULATIONS ASSOCIATED

WITH POWER UPRATE LICENSE AMENDMENTS 254 AND 214

(TAC NOS. MA5991 AND MA5992)

Dear Mr. Scalice:

By letter dated March 30, 1999, Mr. T.E. Abney of Tennessee Valley Authority forwarded information related to reanalysis of control room, site boundary and low population zone doses. This information was provided in response to Units 2 and 3 license conditions that were imposed as part of the power uprate amendments (TAC Nos. M99711 and M99712).

The U.S. Nuclear Regulatory Commission (NRC) staff has reviewed the information and prepared a safety evaluation (enclosed) which supplements its safety evaluation of August 11, 1998. The new dose calculations are acknowledged to be the analyses of record for the radiological consequences of a design basis loss-of-coolant accident. This action resolves the part of the license conditions which require you to submit, for NRC approval, the methodology and results of dose consequences analyses by March 31, 1999. This completes action on TAC Nos. MA5991 and MA5992. The license conditions will remain in the licenses until the necessary modifications are completed.

If you have any questions regarding this action, contact the undersigned at 301-415-3026.

Sincerely,

Original signed by:

William O. Long, Senior Project Manager, Section 2

Project Directorate II

Division of Licensing Project Management Office of Nuclear Reactor Regulation

Docket No. 50-260, 50-296

Enclosure: Safety Evaluation

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cc w/enclosure: See next page

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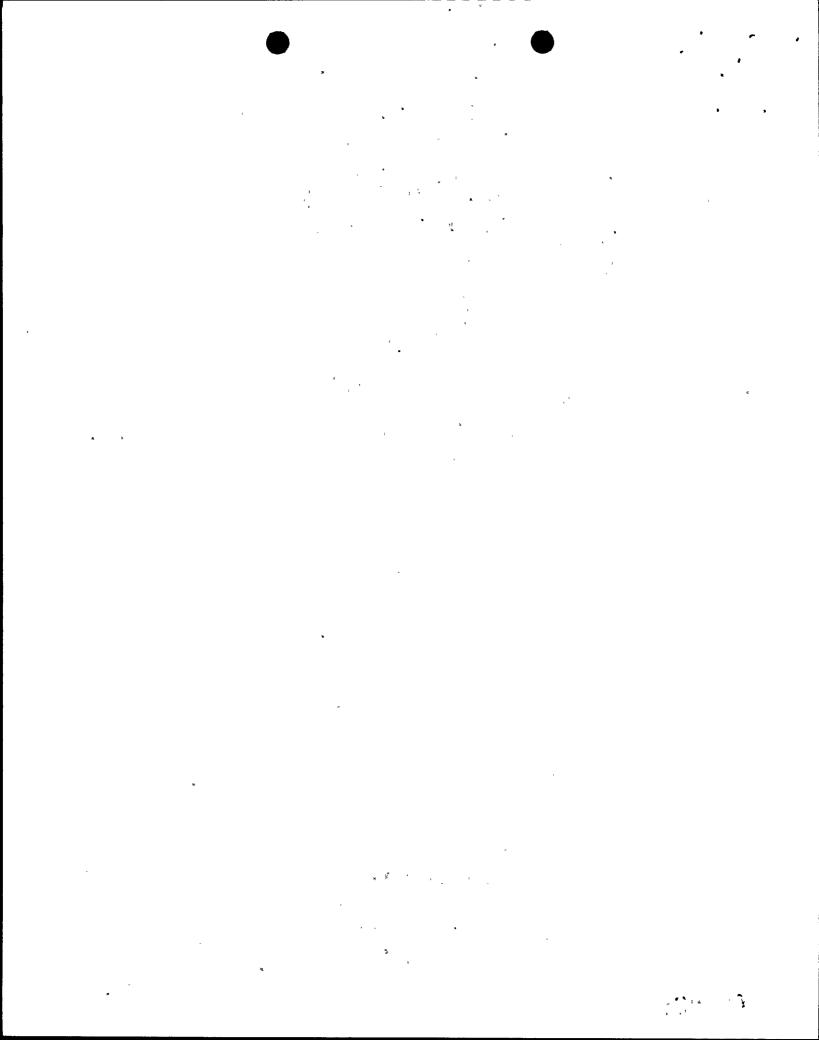
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## UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

August 3, 1999

Mr. J. A. Scalice
Chief Nuclear Officer
and Executive Vice President
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, Tennessee 37402-2801

SUBJECT:

SAFETY EVALUATION SUPPLEMENT, BROWNS FERRY NUCLEAR PLANT

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(TAC NOS. MA5991 AND MA5992)

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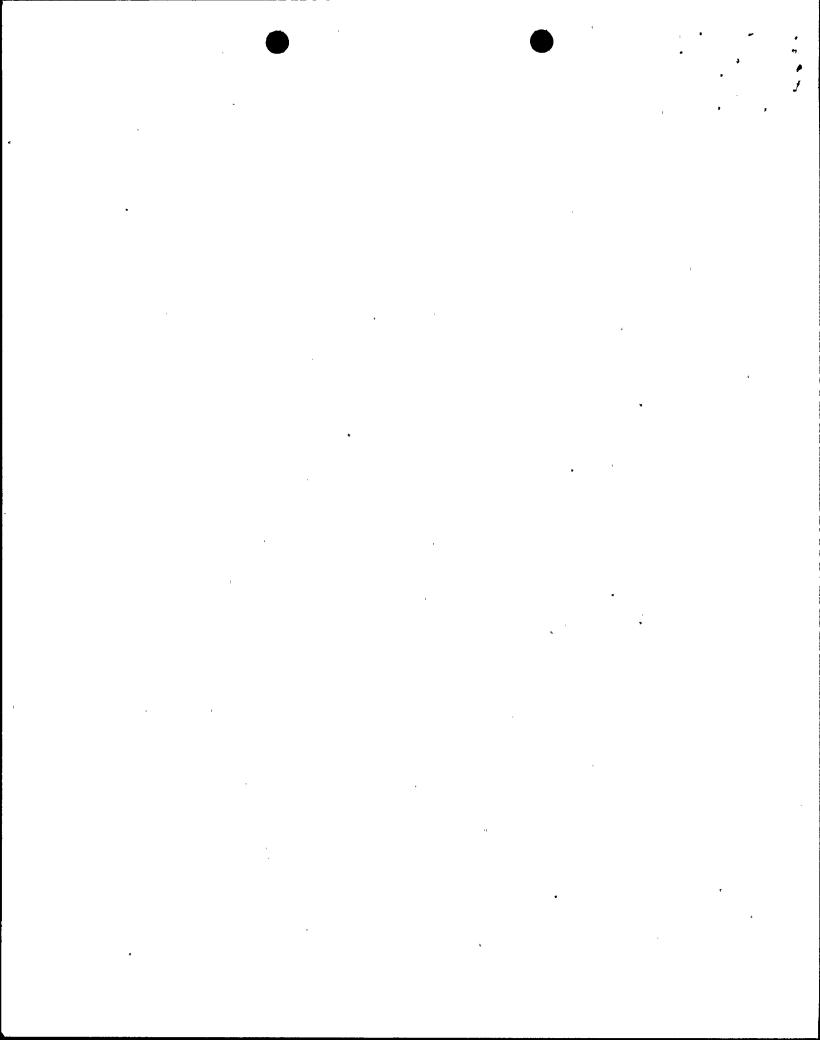
Division of Licensing Project Management

Office of Nuclear Reactor Regulation

Docket No. 50-260, 50-296

**Enclosure: Safety Evaluation** 

cc w/enclosure: See next page



Mr. J. A. Scalice Tennessee Valley Authority

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## **BROWNS FERRY NUCLEAR PLANT**

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