

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

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TO: Mr. B.C. Rusche

FROM: TVA

Bhattanooaga, Tenn. 37401
J.E. Gilleland

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6-16-76

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DESCRIPTION Ltr trans the following:

ENCLOSURE 45th Revision to "Plan for Evalaution,
Repair & Return to Service of Browns Ferry 1
& 2 Plant(March 22, 1975 Fire)"....

(45 cys encl rec'd)

3p

PLANT NAME: Browns Ferry 1 & 2

ACKNOWLEDGED

Do Not Remove

SAFETY

FOR ACTION/INFORMATION

ENVIRO

DHL 6-21-76

ASSIGNED AD:

ASSIGNED AD:

☒ BRANCH CHIEF:

Schwenker

BRANCH CHIEF:

☒ PROJECT MANAGER:

Hannigan

PROJECT MANAGER:

☒ LIC. ASST.:

Sheppard

LIC. ASST.:

INTERNAL DISTRIBUTION

☒ REG FILE (2)

SYSTEMS SAFETY

PLANT SYSTEMS

SITE SAFETY &

☒ NRC PDR (2)

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☒ I & E (2)

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☒ BENAROYA

DENTON & MULLER

OELD

LAINAS

GOSSICK & STAFF

ENGINEERING

☒ IPPOLITO (4)

ENVIRO TECH.

MIPC

MACCARRY

KIRKWOOD

ERNST

CASE

KNIGHT

BALLARD

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OPERATING REACTORS

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REACTOR SAFETY

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GAMMILL

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P. COLLINS

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ROSZTOCZY

BAER

PETERSON

CHECK

BUTLER

SITE ANALYSIS

MELTZ

GRIMES

VOLLNER

HELTEMES

AT & I

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☒ LPDR: Athens, Ala.

NAT LAB:

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LA PDR

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CONSULTANTS

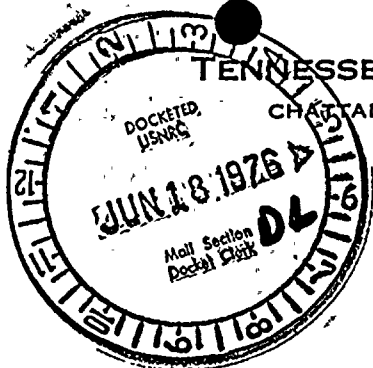
☒ ACRS 16 CYS ~~SENT~~ SENT

To L.A.

6198



830 Power Building



TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

JUN 16 1976

Regulatory Docket File

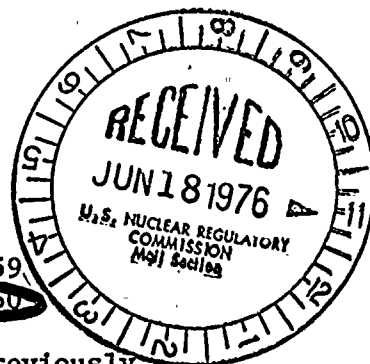
Mr. Benard C. Rusche, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. Rusche:

In the Matter of the)
Tennessee Valley Authority)

Docket Nos. 50-259

50-260



Enclosed are 45 of the 45th revision to a document previously submitted on April 13, 1975, entitled "Plan for Evaluation, Repair, and Return to Service of Browns Ferry Units 1 and 2 (March 22, 1975, Fire)." The revision consists of the following:

Material Revised

Evaluation Plan

Part

Program for Sampling, Analysis, and
Cleanup of Residue on Affected Structures,
Systems, and Components

V

This revision includes additional information regarding the frequency at which the condition of electrical cables that have been coated with flame retardant material (Flamemastic 71A) will be inspected.

Instructions for entering the 45th revision are also included.

Very truly yours,

J. E. Gilleland
Assistant Manager of Power

Enclosures

CC: See page 2

Mr. Benard C. Rusche

JUN 16 1976

CC (Enclosures):

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~~Revised w/11r Edited~~ **6-16-76**

Particular attention should be given to cleaning uninsulated terminals.

6.9.4.1 The transformer shall be reassembled and each winding given a meggar test with the other windings grounded.

6.9.4.2 If the transformer is of the voltage-regulating type with moving parts and electrical contacts, it shall be cleaned and treated as specified in applicable paragraphs of 6.2 (motors) and 6.3 (switchboards). It shall be reassembled, relubricated, and retested in accordance with applicable manufacturer's instructions.

6.9.5 The transformers shall be reinstalled and returned to normal status.

6.10 Reinspection

6.10.1 All electrical equipment, except totally enclosed motors and other sealed electrical equipment, shall be given a visual inspection, approximately six months after the equipment has been cleaned. Particular attention should be given to the presence of corrosion products. If any products are noted, the equipment shall be recleaned.

6.10.2 All cable trays in the units 1 and 2 reactor building shall be inspected annually for 5 years for indications of degradation of the cable tray system. If degraded trays or supports are found, they should be replaced as soon as possible. No wholesale degradation and replacement of cable tray systems are expected to occur.

6.10.3 In response to an ACRS concern that the Flamemastic cocooning of electrical cables changes the working environment, at the first unit 1 refueling outage, at the second unit 1 refueling outage, and thereafter at approximately every 3 years during the nearest unit 1 refueling outage, a nondivisional low-voltage power cable tray on unit 1 (floor elevation 593) shall have a portion of the Flamemastic cocoon opened, the cables inspected, and a sample of the cable jacketing removed. The jacket sample shall be given an ASTM D412 physical and dimensional test for elongation and tensile strength. The test values shall be compared to previously obtained values to determine the aging of the cable materials.

Repairs to the cable jacket shall be made with a cable jacket repair kit, and the open area shall be recoated with Flamemastic. (see attachments 5 and 5a, memorandums dated April 27, 1976, and June 9, 1976, from J. R. Calhoun to H. J. Green, subject, "Browns Ferry Nuclear Plant Units 1 and 2 - Electrical Cable Surveillance Program").

Jmc
6/10/76

PLAN FOR EVALUATION, REPAIR, AND RETURN
TO SERVICE OF BROWNS FERRY UNITS 1
AND 2 (MARCH 22, 1975, FIRE)

Filing instructions for June 16, 1976, Revision.

Remove

Part V, section B, page 15,
Revised 4/30/76.

Insert

Part V, section B, page 15,
Revised 6/9/76