

**Detroit
Edison**

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March 28, 1980

EF2-48,571

Mr. James G. Keppler
Regional Director
U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Reference: Enrico Fermi Power Plant, Unit 2
USNRC Licensing Docket: 50-341
USNRC IE Bulletin 80-03 (2-6-'80)
Edison Memorandums EF2-48,434 (3-20-'80) and
EF2-48,440 (3-21-'80)

Subject: Detroit Edison Response to NRC IE Bulletin 80-03

Dear Mr. Keppler:

The enclosed Edison internal memorandums, EF2-48,434 of March 20, 1980, and EF2-48,440 of March 21, 1980, are herein transmitted to you in response to IE Bulletin 80-03.

Should you require additional information from Edison in this matter, please advise us.

Very truly yours,

Edward Hines

EH/JDR/ak

Enclosure

cc: Director
Office of Inspection and Enforcement
Division of Fuel Facility and
Materials Safety Inspection
U.S. Nuclear Regulatory Commission
Washington D.C. 20555

Director
Office of Nuclear Reactor Regulation
Division of Operating Reactors
U.S. Nuclear Regulatory Commission
Washington D.C. 20555

APR 3 1980

March 21, 1980

EF2 - 48440

To: F. J. Locke
System Engineer - EF2
318 Engineering Construction-Troy

From: R. C. Anderson *RCA Anderson*
System Engineer - EF2
318 Engineering Construction-Troy

Subject: Inspection of SGTS High Efficiency Filter

On March 19, 1980, a visual inspection was conducted on the SGTS, T4600D001, high efficiency filter housing, to look for a problem identified in IE Bulletin 80-03. Persons conducting the inspection were R. C. Anderson, J. R. Green, Project System Engineers, and H. K. Lathrop, Startup Test Engineer. The charcoal has not been added to the SGTS filter. The inspection showed that the high efficiency filter has a screen that is held down to the housing by a small metal bar running along the perimeter of the screen. The bar is riveted to the frame with a uniform spacing of about 1 inch.

The inspection was through all of the charcoal filling openings in the top of the unit. All of the filter screens were inspected to verify that the fabrication method was uniform.

RCA/dk

cc: E. Lusic
H. K. Lathrop
J. R. Green
R. A. MacLeod
Fran Barnes (IE Bulletin 80-03)
Document Control (File T46)

MAR 21 1980

Fran B.

Detroit
Edison

ENRICO FERMI UNIT 2 PROJECT
ENGINEERING

March 20, 1980

EF2 - 48434

To: W. F. Colbert
Project Engineer - EF2
318 Engineering Construction-Troy

From: F. J. Locke *728*
System Engineer - EF2
318 Engineering Construction-Troy

References: 1. Enrico Fermi Unit 2 - Control Center
HVAC (T-41) and SGTS (T-46)

2. NRC IE Bulletin No. 80-03 ←

3. EF2 = 48314, February 21, 1980

Subject: Charcoal Filter Adsorber

IE 80-03 addresses itself to the loss of charcoal from Standard Type II Tray Adsorber Cells fabricated by Flanders, Inc., prior to 1974. For nuclear facilities under construction, IE 80-03 requests that a visual inspection of any charcoal adsorber cell installations be conducted to determine if there are deficiencies in the rivet spacing for the screen/casing attachment to allow sufficient separation for any charcoal loss to occur.

For Fermi 2 there are three systems where charcoal adsorber filters are used for the treatment of ventilating air.

A. CONTROL CENTER HVAC EMERGENCY MAKEUP AND RECIRCULATING AIR FILTER UNITS

The charcoal adsorber cells on these two filter units are not a Flanders Type II design. They are Type III design by CTI-Nuclear. Visual inspection of both units verifies that the method of screen attachment is by spot welding with the spacing between spot welds being 1/2 to 1 inch. There was no evidence of screen separation.

Memo to:
W. F. Colbert

-2-

March 20, 1980
EF2 - 48434

B. STANDBY GAS TREATMENT SYSTEM AIR FILTER UNITS

This charcoal filter unit is a Pennwalt CVI design. The method of screen attachment to the casing is with rivets. However, an outer batten that covers the full outer perimeter of the screen secures the screen against the casing. These same rivets secure the batten/screen/casing sandwich arrangement and are spaced about 1 inch apart. Inspection has revealed no sign of screen information.

C. REACTOR PRESSURE VESSEL HEAD PURGING UNIT

This is a mobile portable filter unit that is used to purge the RPV head prior to and during its removal for refueling. This filter unit includes a charcoal filter to handle any traces of radiographic gases. This equipment has no safety significance.

This equipment has not yet been manufactured, and detailed design information on the charcoal filter has not yet been released by the manufacturer, Pennwalt CVI. Edison has requested detailed information on the charcoal filter from Pennwalt CVI, and will reject any design that is similar to the Flanders Type II design that is under question in IE 80-03.

FJL/dk

cc: E. Lusic
R. C. Anderson
P. Fessler/Ballinger
Document Control