



Docket: 70-0036

February 28, 1991

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John A. Grobe, Chief
Nuclear Materials Safety Branch
U. S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

SUBJECT: EFFLUENT MONITORING REPORT - JULY THROUGH DECEMBER, 1990

Dear Mr. Grobe:

The subject report is submitted in accordance with the requirements of 10 CFR 70.59.

This information relates to activities conducted under License No. SNM-33, at ABB-Combustion Engineering Inc.'s facility located at Hematite, Missouri.

Cordially yours,

Harold E. Eskridge
Manager, Nuclear Licensing,
Safety and Accountability

HEE/sld/9020

Enclosure

cc: Director
Office of NMSS
U.S. Nuclear Regulatory Commission
Washington DC 20555

L-62

ABB Combustion Engineering Nuclear Power

EFFLUENT MONITORING REPORT

JULY - DECEMBER 1990

LICENSEE: ABB-COMBUSTION ENGINEERING, INC. LICENSE NO. SNM-33
PO BOX 107, HIGHWAY P
HEMATITE, MO 63047 DOCKET NO. 70-36

THE FOLLOWING QUANTITIES OF LOW-ENRICHED URANIUM WERE RELEASED TO
UNRESTRICTED AREAS DURING THE PERIOD OF JULY - DECEMBER, 1990:

LIQUID(1) 2.57 E-03 CURIES (1.27 E+06 LITERS)

GASEOUS(2) 1.42 E-04 CURIES (2.92 E+10 FT.³)

(1) MEASURED AT DISCHARGE OF SITE POND TO FORM SITE CREEK, AND AT SEWAGE
TREATMENT PLANT OUTFAL. INCLUDES NATURALLY OCCURRING ALPHA-EMITTERS PRESENT
IN THE WATER.

(2) PARTICULATE URANIUM COMPOUNDS MEASURED BY CONTINUOUS EXHAUST
STACK SAMPLING.