



Docket: 70004

August 29, 1990

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Bruce S. Mallet, Ph.D., Chief  
Nuclear Materials Safety Branch  
U. S. Nuclear Regulatory Commission  
Region III  
799 Roosevelt Road  
Glen Ellyn, IL 60137

SUBJECT: EFFLUENT MONITORING REPORT - JANUARY THROUGH JUNE, 1990

Dear Dr. Mallet:

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/8083

Enclosure

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

L-56

ABB Combustion Engineering Nuclear Power

EFFLUENT MONITORING REPORT  
JANUARY - JUNE 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, 1989:

LIQUID(1)                      1.30 E-03 CURIES (7.46 E+06 LITERS)  
GASEOUS(2)                    1.46 E-04 CURIES (2.75 E+10 FT.<sup>3</sup>)

(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.