

COMBUSTION ENGINEERING

PRIORITY ROUTING

First	Second
RA	RC
DRA	ETC
DRP	SGA
DRS	HL
DRSS	OL
DRMA	GI
	PAO

FILE _____

February 14, 1990

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 - JULY THROUGH DECEMBER, 1989

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

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

HEE/sld/8018

Enclosure

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

L-48

EFFLUENT MONITORING REPORT

JULY - DECEMBER 1989

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)	1.79 E-03 CURIES (4.8 E 05 LITERS)
GASEOUS(2)	2.24 E-04 CURIES (2.1 E 10 FT. ³)

(1) MEASURED AT DISCHARGE OF SITE POND TO FORM SITE CREEK. INCLUDES NATURALLY OCCURRING ALPHA-EMITTERS PRESENT IN THE WATER.

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