



Commonwealth Edison
Braidwood Nuclear Power Station
Route #1, Box 84
Braceville, Illinois 60407
Telephone 815/458-2801

February 13, 1992
BW/92-0094

Mr. A. Bert Davis
Regional Administrator
Region III
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Subject: Braidwood Station Operating Report
NRC Dockets 50-456 and 50-457

Dear Mr. Davis:

Enclosed are the 1991 Occupational Radiation Exposures (NRC Reg. Guide 1.16) for Braidwood Nuclear Power Station.

Sincerely yours,


Kurt L. Kofron
Station Manager

KLK/dla
(69/ZWBWRP)4

Enclosures

cc: NRC Document Control Desk
NRC Resident Inspector
NRC Office of Research

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ATTACHMENT D

REGULATORY GUIDE 1.16

NUMBER OF PERSONNEL AND PERSON-REM BY WORK AND JOB FUNCTION

YEAR 1991

PLANT: Braidwood

PLANT: Braidwood	STATION		NUMBER OF PERSONNEL		TOTAL PERSON-REMS		TOTAL PERSON-REMS	
	EMPLOYEES	CONTRACT & OTHERS	UTILITY EMPLOYEES	TOTAL PERSONS	STATION EMPLOYEES	CONTRACT & OTHERS	UTILITY EMPLOYEES	TOTAL PERSON-REMS
WORK & JOB FUNCTION								
REACTOR OPERATIONS & SURV								
ENGINEERING PERSONNEL	51	30	72		3,740	1,579	0.849	
HEALTH PHYSICS PERSONNEL	25	31	0		15,931	10,641	0.000	
MAINTENANCE PERSONNEL	18	89	7		6,571	22,066	0.031	
OPERATING PERSONNEL	121	118	0		16,513	1,097	0.000	
SUPERVISORY PERSONNEL	63	64	57		3,262	18,130	0.215	
TOTAL	278	332	136	746	46,017	53,513	1.445	100,625
ROUTINE MAINTENANCE								
ENGINEERING PERSONNEL	31	13	84		2,316	0,685	0.942	
HEALTH PHYSICS PERSONNEL	6	74	0		3,583	25,331	0.000	
MAINTENANCE PERSONNEL	106	590	11		39,414	146,595	0.051	
OPERATING PERSONNEL	57	16	0		7,777	0,153	0.000	
SUPERVISORY PERSONNEL	86	15	0		4,414	4,129	0.000	
TOTAL	286	708	95	1089	57,504	176,893	1.043	235.44
IN-SERVICE INSPECTION								
ENGINEERING PERSONNEL	25	1	33		1,837	0,069	0.386	
HEALTH PHYSICS PERSONNEL	0	17	0		0,070	5,987	0.000	
MAINTENANCE PERSONNEL	1	164	0		0,328	40,688	0.001	
OPERATING PERSONNEL	6	1	0		0,777	0,012	0.000	
SUPERVISORY PERSONNEL	9	62	8		0,442	17,649	0.032	
TOTAL	41	245	41	327	3,454	64,405	0.419	68,278
SPECIAL MAINTENANCE								
ENGINEERING PERSONNEL	1	0	15		0,069	0,015	0.176	
HEALTH PHYSICS PERSONNEL	2	1	0		1,140	0,394	0.000	
MAINTENANCE PERSONNEL	10	91	3		3,705	22,544	0.012	
OPERATING PERSONNEL	5	0	0		0,707	0,000	0.000	
SUPERVISORY PERSONNEL	21	6	2		1,078	1,704	0.007	
TOTAL	39	98	20	157	6,699	24,657	0.195	31,551
REFUELING								
ENGINEERING PERSONNEL	13	2	47		0,931	0,083	0.555	
HEALTH PHYSICS PERSONNEL	10	42	0		6,296	14,582	0.000	
MAINTENANCE PERSONNEL	55	196	0		20,586	48,666	0.001	
OPERATING PERSONNEL	73	5	0		9,893	0,045	0.000	
SUPERVISORY PERSONNEL	117	2	1		6,009	0,681	0.032	
TOTAL	268	247	48	563	43,715	64,057	0.558	108.33
WASTE PROCESSING								
ENGINEERING PERSONNEL	0	0	0		0,000	0,000	0.000	
HEALTH PHYSICS PERSONNEL	1	1	0		0,850	0,384	0.000	
MAINTENANCE PERSONNEL	0	8	0		0,000	2,114	0.000	
OPERATING PERSONNEL	9	166	0		1,203	1,548	0.000	
SUPERVISORY PERSONNEL	2	0	0		0,089	0,037	0.000	
TOTAL	12	175	0	187	2,142	4,083	0.000	6,225
TOTAL BY JOB FUNCTION								
ENGINEERING PERSONNEL	121	46	251	418	8,893	2,431	2,958	14,282
HEALTH PHYSICS PERSONNEL	44	166	0	210	27,870	57,319	0.000	85,189
MAINTENANCE PERSONNEL	190	1138	21	1349	70,604	282,673	0.096	353,373
OPERATING PERSONNEL	271	306	0	577	36,870	2,855	0.000	39,725
SUPERVISORY PERSONNEL	298	149	68	515	15,294	42,330	0,256	57,880
GRAND TOTAL	924	1805	340	3069	159,531	387,608	3,310	550,449

NOTE: Computer has rounded to the nearest whole person and millirem, there may be occurrences of dose indicated for zero persons.