



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

February 15, 1990
Bw/90-0193

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

Mr. Davis:

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

Enclosed are the 1989 Occupational Radiation Exposures (NRC Reg.
Guide 1.16) for Braidwood Nuclear Power Station.

Sincerely,

R.E. Querio
Station Manager
Braidwood Nuclear Power Station

REQ/BTB/sgr

Enclosure

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

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PDR ADCK 05000237
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REGULATORY GUIDE 1.16

NUMBER OF PERSONNEL AND PERSON-REM BY WORK AND JOB FUNCTION
YEAR 1989

PLANT: Braidwood 1 & 2

WORK & JOB FUNCTION	NUMBER OF PERSONNEL			*TOTAL PERSONS	TOTAL PERSON-REMS			
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT & OTHERS		STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT & OTHERS	TOTAL PERSON-REM
REACTOR OPERATIONS & SURV								
MAINTENANCE PERSONNEL	1	0	6		0.128	0	0.975	
OPERATING PERSONNEL	28	0	46		3.529	0	0.305	
HEALTH PHYSICS PERSONNEL	2	0	1		1.195	0	0.168	
SUPERVISORY PERSONNEL	8	0	3		0.284	0	0.020	
ENGINEERING PERSONNEL	15	1	1		0.618	0.005	0.190	
TOTAL	54	1	57	112	5.754	0.005	1.658	7.417
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	121	13	972		33.404	0.036	148.223	
OPERATING PERSONNEL	120	0	117		15.369	0	0.782	
HEALTH PHYSICS PERSONNEL	29	0	67		15.332	0	21.761	
SUPERVISORY PERSONNEL	156	0	18		5.677	0	0.116	
ENGINEERING PERSONNEL	96	64	40		3.924	0.393	8.230	
TOTAL	522	77	1214	1.813	73.706	0.429	179.112	253.247
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	2	0	34		0.596	0	5.201	
OPERATING PERSONNEL	1	0	1		0.022	0	0.001	
HEALTH PHYSICS PERSONNEL	1	0	1		0.282	0	0.526	
SUPERVISORY PERSONNEL	1	0	1		0.011	0	0.002	
ENGINEERING PERSONNEL	15	3	9		0.618	0.019	2.123	
TOTAL	20	3	46	69	1.529	0.019	7.853	9.401
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	2	0	23		0.511	0	3.413	
OPERATING PERSONNEL	2	0	0		0.238	0	0	
HEALTH PHYSICS PERSONNEL	1	0	1		0.095	0	0.191	
SUPERVISORY PERSONNEL	1	0	0		0.052	0	0	
ENGINEERING PERSONNEL	1	1	1		0.042	0.001	0.021	
TOTAL	7	1	25	33	0.938	0.001	3.625	4.564
WASTE PROCESSING								
MAINTENANCE PERSONNEL	1	0	7		0.043	0	0.975	
OPERATING PERSONNEL	6	0	86		0.779	0	0.573	
HEALTH PHYSICS PERSONNEL	2	0	1		1.050	0	0.239	
SUPERVISORY PERSONNEL	18	0	0		0.653	0	0	
ENGINEERING PERSONNEL	1	1	1		0.018	0.006	0.002	
TOTAL	28	1	95	124	2.543	0.006	1.789	4.338
REFUELING								
MAINTENANCE PERSONNEL	28	0	24		7.925	0	3.738	
OPERATING PERSONNEL	13	0	0		1.710	0	0	
HEALTH PHYSICS PERSONNEL	2	0	3		1.140	0	1.028	
SUPERVISORY PERSONNEL	54	0	1		1.978	0	0.001	
ENGINEERING PERSONNEL	19	13	0		0.780	0.080	0	
TOTAL	116	13	28	157	13.533	0.080	4.767	18.380
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	155	13	1066	1234	42.607	0.036	162.525	205.168
OPERATING PERSONNEL	170	0	250	420	21.647	0	1.661	23.308
HEALTH PHYSICS PERSONNEL	37	0	74	111	19.094	0	23.913	43.007
SUPERVISORY PERSONNEL	238	0	23	261	8.655	0	0.139	8.794
ENGINEERING PERSONNEL	147	83	52	282	6.000	0.504	10.566	17.070
GRAND TOTAL	747	96	1465	2308	98.003	0.540	198.804	297.347

*Some persons counted more than once.