



Commonwealth Edison

Quad Cities Nuclear Power Station
22710 206 Avenue North
Cordova, Illinois 61242
Telephone 309/654-2241

RLB-92-049

February 20, 1992

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

SUBJECT: Quad Cities Station Operation Report, NRC Dockets 50-254 and 50-265

Dear Mr. Davis:

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

Sincerely,

R.L. Bax
Station Manager
Quad Cities Station

RLB/RDT/aas

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

ATTACHMENT D

REGULATORY GUIDE 1.16

NUMBER OF PERSONNEL AND PERSON-REM BY WORK AND JOB FUNCTION:
YEAR 1991

PLANT: Quad Cities	STATION EMPLOYEES	NUMBER OF PERSONNEL		TOTAL PERSONS	STATION EMPLOYEES	TOTAL PERSON-REMS		UTILITY EMPLOYEES	TOTAL PERSON-REM
		CONTRACT & OTHERS	UTILITY EMPLOYEES			CONTRACT & OTHERS	UTILITY EMPLOYEES		
WORK & JOB FUNCTION									
REACTOR OPERATIONS & SURV									
ENGINEERING PERSONNEL	32	15	72		2,543	0.904	0.633		
HEALTH PHYSICS PERSONNEL	36	28	0		24,220	2.173	0.000		
MAINTENANCE PERSONNEL	17	37	11		9,851	6.549	0.075		
OPERATING PERSONNEL	138	213	0		28,906	16.774	0.000		
SUPERVISORY PERSONNEL	121	6	69		13,565	0.193	0.353		
TOTAL	344	299	152	795	79,085	26.593	1.061		106,739
ROUTINE MAINTENANCE									
ENGINEERING PERSONNEL	28	54	97		2,262	3.227	0.839		
HEALTH PHYSICS PERSONNEL	11	2	0		7,660	0.154	0.000		
MAINTENANCE PERSONNEL	108	814	71		61,909	144.213	0.503		
OPERATING PERSONNEL	34	1	0		7,060	0.043	0.000		
SUPERVISORY PERSONNEL	91	90	23		10,242	3.142	0.115		
TOTAL	272	961	191	1424	89,133	150.779	1.457		241,369
IN-SERVICE INSPECTION									
ENGINEERING PERSONNEL	36	14	69		2,916	0.848	0.604		
HEALTH PHYSICS PERSONNEL	1	1	0		0.312	0.059	0.000		
MAINTENANCE PERSONNEL	2	92	7		1,408	16.426	0.052		
OPERATING PERSONNEL	1	0	0		0.055	0.000	0.000		
SUPERVISORY PERSONNEL	2	1	0		0.195	0.082	0.000		
TOTAL	42	108	76	226	4,886	17.415	0.656		22,957
SPECIAL MAINTENANCE									
ENGINEERING PERSONNEL	18	180	49		1,443	10.826	0.431		
HEALTH PHYSICS PERSONNEL	5	1	0		3,037	0.086	0.000		
MAINTENANCE PERSONNEL	5	450	109		2,848	79.664	0.776		
OPERATING PERSONNEL	1	0	0		0.099	0.000	0.000		
SUPERVISORY PERSONNEL	10	29	0		1,141	0.975	0.000		
TOTAL	39	660	158	857	8,568	91.551	1.207		101,326
REFUELING									
ENGINEERING PERSONNEL	2	1	1		0.200	0.004	0.013		
HEALTH PHYSICS PERSONNEL	2	0	0		1.422	0.000	0.000		
MAINTENANCE PERSONNEL	21	1	1		12,084	0.213	0.005		
OPERATING PERSONNEL	14	0	0		2,922	0.000	0.000		
SUPERVISORY PERSONNEL	19	0	0		2,134	0.000	0.000		
TOTAL	58	2	2	62	18,762	0.217	0.018		18,997
WASTE PROCESSING									
ENGINEERING PERSONNEL	1	1	7		0.039	0.010	0.058		
HEALTH PHYSICS PERSONNEL	2	6	0		1,510	0.423	0.000		
MAINTENANCE PERSONNEL	1	14	0		0.033	2.419	0.000		
OPERATING PERSONNEL	36	35	0		7,539	2.748	0.000		
SUPERVISORY PERSONNEL	23	1	1		2,523	0.018	0.003		
TOTAL	63	57	8	128	11,644	5.618	0.061		17,323
TOTAL BY JOB FUNCTION									
ENGINEERING PERSONNEL	117	265	295	677	9,403	15.819	2.578		27,800
HEALTH PHYSICS PERSONNEL	57	38	0	95	38,161	2.895	0.000		41,056
MAINTENANCE PERSONNEL	154	1408	199	1761	88,133	249.484	1.411		339,028
OPERATING PERSONNEL	224	245	0	473	46,581	19.565	0.090		66,146
SUPERVISORY PERSONNEL	266	127	93	486	29,800	4.410	0.471		34,681
GRAND TOTAL	818	2087	587	3492	212,078	292.173	4.460		508,711

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