



Commonwealth Edison
Byron Nuclear Station
4450 North German Church Road
Byron, Illinois 61010

February 5, 1990

LTR: Byron 90-0144

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

SUBJECT: Byron Nuclear Power Station Operating Report,
NRC Dockets 50-454 and 50-455

Dear Mr. Davis:

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

Sincerely yours,

R. Pleniewicz
Station Manager
Byron Nuclear Power Station

RP/JH/sas

enclosures

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

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PDR ADOCK 05000237
R PNU

ATTACHMENT D
REGULATORY GUIDE 1.16
NUMBER OF PERSONNEL AND PERSON-REM BY WORK AND JOB FUNCTION
YEAR 1989

PLANT: BYRON STATION

WORK & JOB FUNCTION	NUMBER OF PERSONNEL				TOTAL PERSON-REMS			
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT & OTHERS	*TOTAL PERSONS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT & OTHERS	TOTAL PERSON-REM
REACTOR OPERATIONS & SURV								
MAINTENANCE PERSONNEL	1	2	8		13	56	865	
OPERATING PERSONNEL	79	0	93		7752	0	1184	
HEALTH PHYSICS PERSONNEL	21	0	8		8128	0	663	
SUPERVISORY PERSONNEL	64	15	2		1121	17	85	
ENGINEERING PERSONNEL	17	30	11		753	85	244	
TOTAL	182	47	122	351	17.767	.158	3.041	20.966
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	117	26	493		19430	688	54511	
OPERATING PERSONNEL	42	0	1		4045	0	7	
HEALTH PHYSICS PERSONNEL	16	0	80		5826	0	6295	
SUPERVISORY PERSONNEL	169	0	111		2922	0	5396	
ENGINEERING PERSONNEL	32	48	49		1469	131	1113	
TOTAL	376	74	734	1184	33.692	.819	67.322	101.833
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	3	1	210		532	32	23332	
OPERATING PERSONNEL	1	0	0		45	0	0	
HEALTH PHYSICS PERSONNEL	1	0	0		266	0	0	
SUPERVISORY PERSONNEL	9	4	2		153	5	119	
ENGINEERING PERSONNEL	11	40	52		530	113	1168	
TOTAL	25	45	264	334	1.526	.150	24.619	26.295
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	2	1	55		266	8	6056	
OPERATING PERSONNEL	13	0	36		1206	0	455	
HEALTH PHYSICS PERSONNEL	1	0	0		485	0	0	
SUPERVISORY PERSONNEL	7	4	1		108	5	11	
ENGINEERING PERSONNEL	3	6	5		133	18	109	
TOTAL	26	11	97	134	2.198	.031	6.631	8.860
WASTE PROCESSING								
MAINTENANCE PERSONNEL	1	0	1		8	0	34	
OPERATING PERSONNEL	8	0	147		838	0	1858	
HEALTH PHYSICS PERSONNEL	2	0	0		706	0	0	
SUPERVISORY PERSONNEL	3	0	0		51	0	0	
ENGINEERING PERSONNEL	1	0	0		3	0	0	
TOTAL	15	0	148	163	1.606	0	1.892	3.498
REFUELING								
MAINTENANCE PERSONNEL	38	1	16		6368	16	1730	
OPERATING PERSONNEL	9	0	0		824	0	0	
HEALTH PHYSICS PERSONNEL	1	0	1		250	0	21	
SUPERVISORY PERSONNEL	77	0	1		1330	0	68	
ENGINEERING PERSONNEL	1	2	4		74	7	81	
TOTAL	126	3	22	151	8.846	.023	1.900	10.769
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	162	31	783	976	26617	800	86526	113943
OPERATING PERSONNEL	152	0	277	429	14710	0	3504	18214
HEALTH PHYSICS PERSONNEL	42	0	89	131	15661	0	6979	22640
SUPERVISORY PERSONNEL	329	23	117	469	5685	27	5679	11391
ENGINEERING PERSONNEL	65	126	121	312	2962	354	2715	6031
GRAND TOTAL	750	180	1387	2317	65.635	1.181	105.403	172.219

*Some persons counted more than once..