

February 29, 2000

REIRS Project Manager
Office of Nuclear Regulatory Research
U. S. Nuclear Regulatory Commission
Washington, DC 20555-0001



Gentlemen:

ULNRC-04191

**DOCKET NUMBER 50-483
CALLAWAY PLANT
UNION ELECTRIC COMPANY
ANNUAL PERSONNEL EXPOSURE AND
MONITORING REPORT – 1999**

Included herewith is the Personnel Exposure and Monitoring Report for 1999 submitted pursuant to Sections 6.9.1.4 and 6.9.1.5 of the Callaway Plant Technical Specifications. This report is also required to include the results of specific activity analysis of the reactor coolant system in which the limits of Specification 3.4.8 were exceeded. There have been no such incidents in this report period.

If there are any questions relating to this information, please contact us.

Very truly yours,

A handwritten signature in cursive script that reads "David Hofer".

for Alan C. Passwater
Manager, Corporate Nuclear Services

BFH/mlo
Attachment

cc: M. H. Fletcher
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UNION ELECTRIC COMPANY CALLAWAY PLANT POST OFFICE BOX 620 FULTON, MO. 65251						
LICENSE: NPF-30 Technical Specification 6.9.1.5 End of Year Report 1999						
WORK & JOB FUNCTION	# PERSONNEL > 100 MREM			TOTAL PERSON-REM		
	STATION	UTILITY	CONTRACT	STATION	UTILITY	CONTRACT
REACTOR OPERATIONS & SURVEILLANCE						
MAINTENANCE & CONSTRUCTION	9	0	97	2.834	0.000	46.312
OPERATIONS	33	0	0	9.154	0.000	0.056
HEALTH PHYSICS & LAB	37	0	30	11.146	0.021	9.691
SUPERVISORY & OFFICE STAFF	9	0	1	3.667	0.000	0.318
ENGINEERING STAFF	10	2	0	3.686	1.082	0.078
ROUTINE PLANT MAINTENANCE						
MAINTENANCE & CONSTRUCTION	77	1	124	26.336	0.355	50.876
OPERATIONS	2	0	2	0.412	0.000	0.792
HEALTH PHYSICS & LAB	2	2	2	0.908	0.256	0.716
SUPERVISORY & OFFICE STAFF	3	0	0	2.551	0.000	0.029
ENGINEERING STAFF	10	1	0	4.565	0.162	0.201
INSERVICE INSPECTION						
MAINTENANCE & CONSTRUCTION	9	0	114	1.580	0.000	90.500
OPERATIONS	0	0	0	0.027	0.000	0.000
HEALTH PHYSICS & LAB	5	0	19	2.409	0.000	4.674
SUPERVISORY & OFFICE STAFF	3	0	0	1.041	0.000	0.060
ENGINEERING STAFF	7	0	0	2.871	0.000	0.005
SPECIAL PLANT MAINTENANCE						
MAINTENANCE & CONSTRUCTION	4	0	35	1.558	0.000	9.766
OPERATIONS	0	0	0	0.051	0.000	0.010
HEALTH PHYSICS & LAB	5	0	0	1.329	0.003	0.106
SUPERVISORY & OFFICE STAFF	0	0	1	0.172	0.000	0.255
ENGINEERING STAFF	2	0	2	0.509	0.000	0.491
WASTE PROCESSING						
MAINTENANCE & CONSTRUCTION	0	0	0	0.020	0.000	0.166
OPERATIONS	2	0	0	0.350	0.000	0.000
HEALTH PHYSICS & LAB	9	0	0	4.079	0.000	0.145
SUPERVISORY & OFFICE STAFF	0	0	0	0.049	0.000	0.000
ENGINEERING STAFF	0	0	0	0.000	0.000	0.229
REFUELING OPERATIONS						
MAINTENANCE & CONSTRUCTION	0	0	27	0.569	0.000	12.685
OPERATIONS	0	0	0	0.023	0.000	0.000
HEALTH PHYSICS & LAB	6	0	15	1.630	0.000	4.036
SUPERVISORY & OFFICE STAFF	5	0	0	0.824	0.000	0.023
ENGINEERING STAFF	7	0	1	1.712	0.001	0.389
TOTALS						
MAINTENANCE & CONSTRUCTION	99	1	397	32.896	0.355	210.303
OPERATIONS	37	0	2	10.017	0.000	0.859
HEALTH PHYSICS & LAB	64	2	66	21.501	0.281	19.370
SUPERVISORY & OFFICE STAFF	20	0	2	8.305	0.000	0.686
ENGINEERING STAFF	36	3	3	13.344	1.246	1.394
GRAND TOTALS	256	6	470	86.063	1.882	232.612