



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

UNION ELECTRIC COMPANY

DOCKET NO. 50-483

CALLAWAY PLANT, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 2  
License No. NPF-30

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Union Electric Company (the licensee), dated October 3, 1984, as supplemented December 6, 1984 and December 27, 1984, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public; and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by a change to the Technical Specifications as indicated in the attachment to this license amendment and Paragraph 2.C.(2) of Operating License No. NPF-30 is hereby amended to read as follows:

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 2, and the Environmental Protection Plan contained in Appendix B, both of which are attached hereto, are hereby incorporated into this license. UE shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

1st  
B. J. Youngblood, Chief  
Licensing Branch No. 1  
Division of Licensing

Attachment:  
Change to the Technical  
Specifications

Date of Issuance: **FEB 4** 1985

CONCURRENCES:

DL:LB#1  
JStevens:es  
1/16/85

DL:LB#1  
MRushbrook  
1/16/85

DL:LB#1  
PO'Connor  
1/17/85

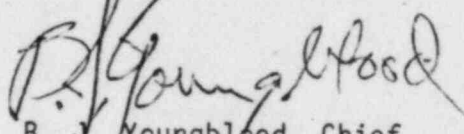
QELD  
1/13/85

DL:LB#1  
BJYoungblood  
1/17/85

AD:DL  
TNovak  
2/14/85

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



B. J. Youngblood, Chief  
Licensing Branch No. 1  
Division of Licensing

Attachment:  
Change to the Technical  
Specifications

Date of Issuance: February 4, 1985

ATTACHMENT TO LICENSE AMENDMENT NO. 2

OPERATING LICENSE NO. NPF-30

DOCKET NO. STN 50-483

Revise Appendix A, as follows:

REMOVE

3/4 11-2

INSERT

3/4 11-2

TABLE 4.11-1  
RADIOACTIVE LIQUID WASTE SAMPLING AND ANALYSIS PROGRAM

LIQUID RELEASE TYPE	SAMPLING FREQUENCY	MINIMUM ANALYSIS FREQUENCY	TYPE OF ACTIVITY ANALYSIS	LOWER LIMIT OF DETECTION (LLD) <sup>(1)</sup> (μCi/ml)	
1. Batch Waste Release Tanks <sup>(2)</sup>	P Each Batch	P Each Batch	Principal Gamma Emitters <sup>(3)</sup>	$5 \times 10^{-7}$	
			I-131	$1 \times 10^{-6}$	
	a. Waste Monitor Tank	P One Batch/M	M	Dissolved and Entrained Gases (Gamma Emitters)	$1 \times 10^{-5}$
	b. Secondary Liquid Waste Monitor Tank	P Each Batch	M Composite <sup>(4)</sup>	H-3	$1 \times 10^{-5}$
				Gross Alpha	$1 \times 10^{-7}$
	c. Discharge Monitor Tank	P Each Batch	Q Composite <sup>(4)</sup>	Sr-89, Sr-90	$5 \times 10^{-8}$
				Fe-55	$1 \times 10^{-6}$
	2. Continuous Releases <sup>(5)</sup>	Daily <sup>(6)</sup> Grab Sample	W Composite <sup>(4)</sup>	Principal Gamma Emitters <sup>(3)</sup>	$5 \times 10^{-7}$
				I-131	$1 \times 10^{-6}$
		Steam Generator Blowdown	M Grab Sample	M	Dissolved and Entrained Gases (Gamma Emitters)
Daily <sup>(6)</sup> Grab Sample			M Composite <sup>(4)</sup>	H-3	$1 \times 10^{-5}$
				Gross Alpha	$1 \times 10^{-7}$
Daily <sup>(6)</sup> Grab Sample			Q Composite <sup>(4)</sup>	Sr-89, Sr-90	$5 \times 10^{-8}$
				Fe-55	$1 \times 10^{-6}$