

UNION ELECTRIC COMPANY
1901 GRATIOT STREET
ST. LOUIS, MISSOURI

September 4, 1981

JOHN K. BRYAN
VICE PRESIDENT

MAILING ADDRESS:
P. O. BOX 149
ST. LOUIS, MISSOURI 63166



Mr. Harold R. Denton
Director of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Denton:

ULNRC-497

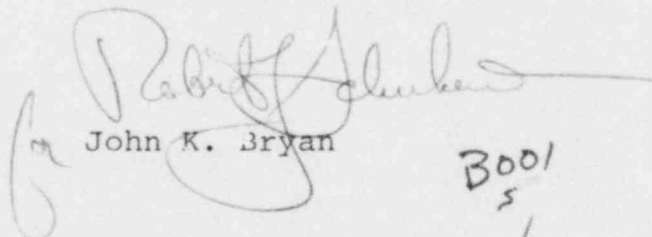
DOCKET NUMBERS 50-483 AND 50-486
CALLAWAY PLANT, UNITS 1 & 2
RESPONSES TO NRC QUESTIONS

Reference: Union Electric Letter to the NRC (ULNRC-477) dated August 14, 1981, signed by J. K. Bryan.

The referenced letter refers to the submittal of Chapter 18 of the Callaway FSAR, Site Addendum which addresses the site specific responses to NUREG 0737.

Transmitted herewith are additional commitments to training in the area of Mitigating Core Damage. This information augments the Union Electric Response in Chapter 18, section 2.B.4. Training of Callaway Plant personnel to recognize and mitigate the consequences of core damage will be in accordance with the Institute of Nuclear Power Operations Guideline, Rev. 1, 1/15/81. Table I of this guideline lists specific plant personnel who will receive this training. In accordance with Table I certain persons may receive only selected portions of the training outlined in the guideline. Table I is attached for your reference. This information will be incorporated in a future revision to the FSAR.

Very truly yours,


John K. Bryan

DJW/mdj

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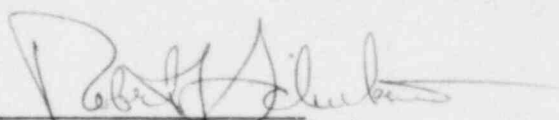
TABLE 1

<p align="center">PLANT STAFF TRAINING RECOMMENDATIONS</p> <p>These topics may be conformed to the specific plant duties.</p>	4.1 CORE COOLING MECHANICS	4.2 POTENTIALLY DAMAGING OPERATING CONDITIONS	4.3 GAS/STEAM BINDING AFFECTING CORE COOLING	4.4 RECOGNIZING CORE DAMAGE	4.5 CORE RECRITICALITY	4.6 HYDROGEN HAZARDS DURING SEVERE ACCIDENTS	4.7 MONITORING CRITICAL PARAMETERS DURING ACCIDENT CONDITIONS	4.8 RADIATION HAZARDS AND RADIATION MONITOR RESPONSE	4.9 CRITERIA FOR OPERATION AND COOLING MODE SELECTION
Operations Manager, Shift Supervisor, Senior Licensed Operator	X	X	X	X	X	X	X	X	X
Technical and Maintenance Managers	4.1.1 4.1.9		-	4.4.1 4.4.5	4.5.2 4.5.7	4.6.1 4.6.2 4.6.3 4.6.5	4.7.1	4.8.1 4.8.2	4.9.5 4.9.10 4.9.11
Reactor Engineer	4.1.1 4.1.7 4.1.9		4.3.2 4.3.3	X	X	4.6.1 4.6.2 4.6.3	4.7.1 4.7.2	4.8.1 4.8.2	4.9.2 4.9.4 4.9.10
Plant Manager/Assistant Plant Manager	X	X	X	X	X	X	X	X	X
Operation Engineer	X	X	4.3.2	4.4.1 4.4.2 4.4.5	4.5.7	X	4.7.1 4.7.6	4.8.2	4.9.6 4.9.11
Radiation Protection Technician				4.4.3 a,b,c		X		X	4.9.10
Chemistry and Radio- Chemical Technician				4.4.3 a,b,c		X		X	4.9.10 4.9.11
Non-Licensed Operator	4.1.1	4.2.1	4.3.1 4.3.3	4.4.1 4.4.2	4.5.2 4.5.7	X	4.7.1	X	4.9.6 4.9.10 4.9.11
Licensed Operator	X	X	X	X	X	X	X	X	X
Shift Technical Advisor	X	X	X	X	X	X	X	X	X

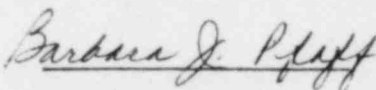
KEY: "X" denotes all of that section to be completed.

STATE OF MISSOURI)
) S S
CITY OF ST. LOUIS)

Robert J. Schukai, of lawful age, being first duly sworn upon oath says that he is General Manager-Engineering (Nuclear) for Union Electric Company; that he has read the foregoing document and knows the content thereof; that he has executed the same for and on behalf of said company with full power and authority to do so; and that the facts therein stated are true and correct to the best of his knowledge, information and belief.

By 
Robert J. Schukai
General Manager-Engineering
Nuclear

SUBSCRIBED and sworn to before me this 4th day of September, 1981


BARBARA J. PFAFF
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ST. LOUIS COUNTY

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