Union Electric
Callaway Plant

PO Box 620
Fulton, MO 65251

May 10, 2001

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Stop P1-137
Washington, DC 20555-0001

ULNRC-4474

Gentlemen:

DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
UNION ELECTRIC CO.
FACILITY OPERATING LICENSE NPF-30
SPECIAL REPORT 2001-01
Inservice Inspection Results for Steam Generator
Tube Inspections – Number of Tubes Plugged or Repaired

This Special Report is submitted in accordance with Technical Specifications (T/S) 5.6.10.a which states:

> "Within 15 days following the completion of each inservice inspection of steam generator tubes, the number of tubes plugged or repaired in each steam generator shall be reported to the Commission."

The Steam Generator (S/G) Inservice Inspection was completed for all four S/Gs to meet the surveillance requirements of T/S SR 3.4.13.2, "Verify steam generator tube integrity is in accordance with the Steam Generator Tube Surveillance Program." Forty-eight (48) tubes were repaired by plugging as a result of the inspection. The tubes repaired (and the method used for each) are identified in the attached tables.

Warren A. Witt

Warren A. Witt
Manager, Callaway Plant

WAW/ewh

Enclosure

A047

cc: Mr. Ellis W. Merschoff
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Manager, Electric Department
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2300 N. Street N.W.
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STEAM GENERATOR A REPAIR LIST

ROW	COL	REPAIR		REASON FOR REPAIR	IN-SERVICE
		HOT LEG	COLD LEG		
15	47	PLUGGED	PLUGGED	SAI @ TSH + 0.10	NO
16	70	PLUGGED	PLUGGED	SAI @ TSH -0.07	NO
17	58	PLUGGED - STABILIZED	PLUGGED	SCI @ TSH -0.04	NO
18	43	PLUGGED	PLUGGED	SAI @ TSH +0.07	NO
18	62	PLUGGED	PLUGGED	SAI @ TSH -0.02	NO
19	71	PLUGGED	PLUGGED	SAI @ TSH +0.06	NO
20	58	PLUGGED	PLUGGED	MAI @ TSH +0.17	NO
20	86	PLUGGED	PLUGGED	SAI @ TSH +0.04	NO
21	27	PLUGGED	PLUGGED	SAI @ TSH +0.08	NO
21	51	PLUGGED	PLUGGED	SAI @ TSH +0.03	NO
21	89	PLUGGED	PLUGGED	SAI @ TSH +0.07	NO
23	52	PLUGGED	PLUGGED	SAI @ TSH +0.04	NO
25	53	PLUGGED	PLUGGED	SAI @ TSH +0.14	NO
26	29	PLUGGED	PLUGGED	SAI @ TSH +0.10	NO
26	37	PLUGGED	PLUGGED	SAI @ TSH +0.11	NO
26	44	PLUGGED	PLUGGED	SAI @ TSH +0.06	NO
26	47	PLUGGED - STABILIZED	PLUGGED	SCI @ TSH -3.17	NO
26	48	PLUGGED	PLUGGED	MAI @ TSH +0.09	NO
26	54	PLUGGED	PLUGGED	SAI @ TSH +0.07	NO
26	57	PLUGGED	PLUGGED	SAI @ TSH +0.14	NO
27	87	PLUGGED	PLUGGED	SAI @ TSH -0.02	NO
28	51	PLUGGED	PLUGGED	SAI @ TSH +0.03	NO
30	80	PLUGGED	PLUGGED	SAI @ TSH +0.06	NO
35	92	PLUGGED	PLUGGED	SAI @ TSH +0.09	NO
38	86	PLUGGED	PLUGGED	SAI @ TSH +0.08	NO
39	86	PLUGGED - STABILIZED	PLUGGED	SCI @ TSH -3.46	NO

STEAM GENERATOR B REPAIR LIST

ROW	COL	REPAIR		REASON FOR REPAIR	IN-SERVICE
		HOT LEG	COLD LEG		
13	118	PLUGGED	PLUGGED	SVI @ 04C +0.47	NO
41	74	PLUGGED	PLUGGED	40% TW AV4 +0.00	NO

STEAM GENERATOR C REPAIR LIST

ROW	COL	REPAIR		REASON FOR REPAIR	IN-SERVICE
		HOT LEG	COLD LEG		
2	10	PLUGGED	PLUGGED	SAI @ TSH -0.01	NO
13	23	PLUGGED	PLUGGED	SVI @ TSH -0.01	NO
14	15	PLUGGED - STABILIZED	PLUGGED	SCI @ TSH +0.12	NO
22	20	PLUGGED	PLUGGED	SAI @ TSH +0.07	NO
25	27	PLUGGED	PLUGGED	SVI @ TSH +0.04	NO
28	12	PLUGGED	PLUGGED	MAI @ TSH +0.00	NO
28	88	PLUGGED	PLUGGED	SAI @ TSH +0.02	NO
30	50	PLUGGED	PLUGGED	SAI @ TSH +0.02	NO
34	59	PLUGGED	PLUGGED	SAI @ TSH +0.09	NO
34	93	PLUGGED	PLUGGED	MAI @ TSH +0.01	NO
36	110	PLUGGED	PLUGGED	57% TW @ AV4 +0.00	NO
39	19	PLUGGED	PLUGGED	SAI @ TSH +0.01	NO
43	79	PLUGGED	PLUGGED	SAI @ TSH -0.01	NO
52	52	PLUGGED	PLUGGED	SAI @ TSH -0.04	NO

STEAM GENERATOR D REPAIR LIST

ROW	COL	REPAIR		REASON FOR REPAIR	IN-SERVICE
		HOT LEG	COLD LEG		
12	60	PLUGGED	PLUGGED	SAI @ TSH +0.36	NO
15	46	PLUGGED - STABILIZED	PLUGGED	SCI @ TSH +0.00	NO
16	58	PLUGGED - STABILIZED	PLUGGED	SCI @ TSH -0.09	NO
16	60	PLUGGED - STABILIZED	PLUGGED	MCI @ TSH -0.04	NO
16	62	PLUGGED	PLUGGED	SAI @ TSH +0.43	NO
48	59	PLUGGED	PLUGGED	SAI @ TSH +0.08	NO

SAI	Single Axial Indication
MAI	Multiple Axial Indication
SCI	Single Circumferential Indication
MCI	Multiple Circumferential Indication
SVI	Single Volumetric Indication
TSH	Tube Sheet Hot
TSC	Tube Sheet Cold
AV#	Anti-Vibration Bar (where # is the anti-vibration bar number)
O1H	First Support Plate Hot

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May 10, 2001

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Stop P1-137
Washington, DC 20555-0001

ULNRC-4473

Gentlemen:

DOCKET NUMBER 50-483
UNION ELECTRIC CO.
LICENSEE EVENT REPORT 2001-004-00
Violation of Site Security Plan

The enclosed Licensee Event Report is submitted in accordance with 10CFR73.71(b)(2) to report a violation of the site security plan.

Warren A. Witt
Warren A. Witt
Manager, Callaway Plant

WAW/ewh

Enclosure

ULNRC-4473
May 10, 2001
LER 2001-004-00

cc: Mr. Ellis W. Merschoff
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NRC FORM 366 (1-2001)

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB NO. 3150-0104 EXPIRES 6-30-2001

Estimated burden per response to comply with this mandatory information collection request: 50 hours. Reported lessons learned are incorporated into the licensing process and fed back to industry. Send comments regarding burden estimate to the Records Management Branch (T-6 E6), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to bjs1@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202 (3150-0104), Office of Management and Budget, Washington, DC 20503. If a means used to impose information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

LICENSEE EVENT REPORT (LER)

(See reverse for required number of digits/characters for each block)

FACILITY NAME (1)	DOCKET NUMBER (2)	PAGE (3)
Callaway Plant Unit 1	05000	1 OF 3

TITLE (4)

Violation of Site Security Plan.

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)	
MO	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REV NO	MO	DAY	YEAR	FACILITY NAME	DOCKET NUMBER 05000
04	10	2001	2001	004	00	05	10	2001	FACILITY NAME	DOCKET NUMBER 05000

OPERATING MODE (9)	5	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check all that apply) (11)			
POWER LEVEL (10)	0	20.2201(b)	20.2203(a)(3)(ii)	50.73(a)(2)(ii)(B)	50.73(a)(2)(ix)(A)
		20.2201(d)	20.2203(a)(4)	50.73(a)(2)(iii)	50.73(a)(2)(x)
		20.2203(a)(1)	50.36(c)(1)(i)(A)	50.73(a)(2)(iv)(A)	73.71(a)(4)
		20.2203(a)(2)(i)	50.36(c)(1)(ii)(A)	50.73(a)(2)(v)(A)	73.71(a)(5)
		20.2203(a)(2)(ii)	50.36(c)(2)	50.73(a)(2)(v)(B)	OTHER Specify in Abstract below or in NRC Form 366A
		20.2203(a)(2)(iii)	50.46(a)(3)(ii)	50.73(a)(2)(v)(C)	
		20.2203(a)(2)(iv)	50.73(a)(2)(i)(A)	50.73(a)(2)(v)(D)	X
		20.2203(a)(2)(v)	50.73(a)(2)(i)(B)	50.73(a)(2)(vii)	
		20.2203(a)(2)(vi)	50.73(a)(2)(i)(C)	50.73(a)(2)(viii)(A)	
		20.2203(a)(3)(i)	50.73(a)(2)(ii)(A)	50.73(a)(2)(viii)(B)	10CFR73.71(b)(2)

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER (Include Area Code)
M. A. Reidmeyer, Supervisor, Regional Regulatory Affairs	(573)676-4306

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANU-FACTURER	REPORTABLE TO EPIX	CAUSE	SYSTEM	COMPONENT	MANU-FACTURER	REPORTABLE TO EPIX

SUPPLEMENTAL REPORT EXPECTED (14)			EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE).	X	NO				

ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) **(16)**

On 4/10/01 an uncompensated suspension of safeguards controls occurred when a safeguards compensatory post was abandoned for approximately twenty-three minutes. The compensatory post was located at the missile shields between the Main Steam System valve/piping area (Area 5) and the Turbine Building. The post was abandoned as a safety precaution during the time that the Callaway Plant was under a tornado warning issued by the National Weather Service. At the time of the tornado warning, the plant was experiencing a severe thunderstorm with heavy rain, high winds and large hail.

Upon the termination of the tornado warning the Area 5 compensatory post was resumed and Area 5 was inspected. No evidence of entry by unauthorized personnel, tampering, sabotage, or introduction of contraband was evident. Access controls were re-established for the area. All alarm points were active during this time.

The Area 5 compensatory post was the only one that was abandoned during the time of the tornado warning. All other compensatory posts were maintained or were compensated for via alternate means. All security contingency gear was maintained in Security's possession.

Reportability was self-identified at 0400, 4/11/01. Control Room staff notified the NRC via telecon at 0455.

FACILITY NAME (1)	DOCKET (2)	LER NUMBER (6)			PAGE (3)
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	
Callaway Plant Unit 1	05000	2001	- 004 -	00	2 OF 3

NARRATIVE *(If more space is required, use additional copies of NRC Form 366A)* **(17)**

I. DESCRIPTION OF THE REPORTABLE EVENT

A. REPORTABLE EVENT CLASSIFICATION

One hour report per 10CFR73, Appendix 'G' Section I(c) and 10CFR73.71(b)(2)

B. PLANT OPERATING CONDITIONS PRIOR TO THE EVENT

During the time of the uncompensated suspension of safeguards controls, the plant was shutdow and in Mode 5.

C. STATUS OF STRUCTURES, SYSTEMS OR COMPONENTS THAT WERE INOPERABLE AT THE START OF THE EVENT AND THAT CONTRIBUTED TO THE EVENT

N/A

D. NARATIVE SUMMARY OF THE EVENT, INCLUDING DATES AND APPROXIMATE TIMES

With the Plant in Mode 5, the Missile Shields that separate the Turbine Bldg. from the Main Steam & Feedwater Systems valve/piping area (Area 5) were open. With these Missile Shields open, (which is allowed in Modes 4, 5, and 6) a compensatory post was established to control personnel access.

At 1850, 4/10/01, a tornado warning was issued for Callaway County. The Control Room Supervisor (CRS) announced that all outside activities should be suspended.

At 1945 hours, a tornado warning was issued for the Callaway Plant. The CRS announced that all personnel should seek shelter in a designated tornado shelter. The individual manning the Missile Shields post moved to a tornado proof area within the power block. The Turbine Bldg. Missile Shields were open and uncompensated for from 1950 to 2013. A search, after the tornado warning was lifted, revealed no unauthorized personnel, tampering, sabotage, or contraband inside Area 5. Security operations were returned to normal status at 2020.

All contingency gear was maintained in Security's possession.

E. METHOD OF DISCOVERY OF EACH COMPONENT, SYSTEM FAILURE, OR PROCEDURAL ERROR

Self-identification of the suspension of the safeguards compensatory post.

II. EVENT DRIVEN INFORMATION

A. SAFETY SYSTEMS THAT RESPONDED

N/A

B. DURATION OF SAFETY SYSTEM INOPERABILITY

N/A

FACILITY NAME (1)	DOCKET (2)	LER NUMBER (6)			PAGE (3)
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	
Callaway Plant Unit 1	05000	2001	- 004 -	00	3 OF 3

NARRATIVE *(If more space is required, use additional copies of NRC Form 366A)* **(17)**

C. SAFETY CONSEQUENCES AND IMPLICATIONS OF THE EVENT.

N/A

III. CAUSE OF THE EVENT

Cause of the suspension of the safeguards post occurred as a personnel safety precaution to protect the security force member staffing the post. The post is located in the Turbine Building, which is not a secure area for high winds/tornadoes. Discussion between Security supervision and the Shift Supervisor in the Control Room determined that the closest safe area was the Control Building.

IV. CORRECTIVE ACTIONS

An Event Review Team meeting on the actions taken during the tornado warning was conducted. Any corrective actions will be tracked under Callaway Action Request (CAR) 200101766.

Security will coordinate a study to determine whether Area 5 can be declassified during outage periods in accordance with SDP-SF-00025 and the Callaway Plant Security Plan. This study will be completed prior to Refuel Outage XII, scheduled for the Fall of 2002.

Future Post Instructions will be evaluated for weather related compensatory measures, when applicable.

Security Department personnel were briefed on this event.

V. PREVIOUS SIMILAR EVENTS

A review of License Event Reports and Callaway Action Requests (CAR) revealed no previous similar occurrences.

VI. ADDITIONAL INFORMATION

The system and component codes listed below are from the IEEE Standard 805-1984 and IEEE Standard 803A-1984 respectively.

System: N/A

Component: N/A