

April 14, 2005

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

ULNRC05139

Ladies & Gentlemen:



**DOCKET NUMBER 50-483  
UNION ELECTRIC CO.  
CALLAWAY PLANT UNIT 1  
FACILITY OPERATING LICENSE NPF-30  
MONTHLY OPERATING REPORT  
March 2005**

The enclosed Monthly Operating Report for March 2005 is submitted pursuant to Section 5.6.4 of the Callaway Unit 1 Technical Specifications.

A handwritten signature in black ink, appearing to read "Keith D. Young".

Keith D. Young  
Manager, Regulatory Affairs

KDY/JWH/slk

Enclosure

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cc: Mr. Bruce S. Mallett  
Regional Administrator  
U.S. Nuclear Regulatory Commission  
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Callaway Resident Office  
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DOCKET NO.: 50-483  
UNIT NAME: CALLAWAY UNIT 1  
COMPLETED BY: J. Hiller  
TELEPHONE: 573/676-4259  
FAX: 573/676-4202

REPORTING PERIOD: March 2005

1. DESIGN ELECTRICAL RATING (MWe-Net): 1171
2. MAX. DEPEND. CAPACITY (MWe-Net): 1125

	<u>THIS MONTH</u>	<u>YR TO DATE</u>	<u>CUMULATIVE</u>
3. NUMBER OF HOURS REACTOR WAS CRITICAL	606.4	1,993.67	158,872.24
4. HOURS GENERATOR ON-LINE	605.3	1,975.10	156,826.12
5. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GENERATED (MWH)	699,479	2,288,029	173,374,246

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**UNIT SHUTDOWNS**

DOCKET NO.: 50-483  
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COMPLETED BY: J. Hiller  
TELEPHONE: 573/676-4259  
FAX: 573/676-4202

**REPORT: March 2005**

<u>NO.</u>	<u>DATE</u>	<u>TYPE</u> <u>F: FORCED</u> <u>S: SCHEDULED</u>	<u>DURATION</u> <u>(HOURS)</u>	<u>REASON</u>	<u>METHOD OF</u> <u>SHUTTING DOWN</u> <u>THE REACTOR</u>	<u>CORRECTIVE</u> <u>ACTIONS/</u> <u>COMMENTS</u>
502	03/26/2005	F	137.6	A	1	LER 2005-002-00 Due Date: 05/25/2005

**SUMMARY** At 06:24 on 03/26/2005, Callaway Plant completed a Technical Specification required shutdown associated with an inoperable train of Essential Service Water (ESW). The ESW inoperability was due to a section of piping eroding to a wall thickness below the Code allowable thickness. Repairs were completed and ESW declared Operable at 02:49 on 03/27/2005. The remainder of the shutdown was related to equipment repairs completed to enhance commercial reliability.

<u>REASON</u>	<u>METHOD</u>
A: EQUIPMENT FAILURE (EXPLAIN)	1: MANUAL
B: MAINT. OR TEST	2: MANUAL SCRAM
C: REFUELING	3: AUTOMATIC SCRAM
D: REGULATORY RESTRICTION	4: CONTINUATION
E: OPERATOR TRAINING / LICENSE EXAMINATION	5: OTHER (EXPLAIN)
F: ADMINISTRATIVE	
G: OPERATIONAL ERROR (EXPLAIN)	
H: OTHER (EXPLAIN)	