

February 19, 2015

ULNRC-06173

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

10 CFR 50.55a

Ladies and Gentlemen:

DOCKET NUMBER 50-483 CALLAWAY PLANT UNIT 1 UNION ELECTRIC CO. FACILITY OPERATING LICENSE NPF-30 OWNER'S ACTIVITY REPORTS (OAR-1 FORMS) FOR REFUEL 20

Please find enclosed the Owner's Activity Reports (OAR-1 forms) for Cycle 20 and Refuel 20 activities at Callaway Plant. The reports are submitted pursuant to the provisions of ASME Boiler and Pressure Vessel Code Case N-532-4, "Alternative Requirements to Repair and Replacement Documentation Requirements and Inservice Summary Report Preparation and Submission."

The OAR-1 forms enclosed are associated with the following Cycle 20 and Refuel 20 activities at Callaway Plant:

- 1. Inservice Inspection and Repair/Replacement activities, and
- 2. Containment Inservice Inspection pursuant to ASME Section XI, subsection IWE.

In accordance with Code Case N-532-4, each attached OAR-1 form includes a listing of items with flaws or relevant conditions that required evaluation for continued service (Table 1) and an abstract of repair/replacement activities required for continued service (Table 2). This letter does not contain new commitments. If there are any questions, please contact Jim Kovar at (314) 225-1478.

Sincerely,

Scott Maglio

Manager, Regulatory Affairs

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JPK/

Enclosure: OAR-1 forms (2)

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Missouri Public Service Commission

CALLAWAY NUCLEAR PLANT FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number	C			
Plant	Callaway Energy Co	enter, P. O. Box 620, Fulton,	MO 65251	,
Unit No.	1 Commercial service date	12/19/1984	Refueling outage no.	20
Current inspection in	nterval	3rd		
Current inappeties :	ania d	(1st, 2nd, 3rd, 4th, othe	r)	
Current inspection p		3rd (1st, 2nd, 3rd)		
Edition and Addend	a of Section XI applicable to the inspection pla	ns 199	98 Edition with 2000 Addend	da
Date and revision of	finspection plans	9/10/2014, Re	evision 7	
Edition and Addend	a of Section XI applicable to repair/replacemer	nt activities, if different than t	he inspection plans	Same as
Code Cases used	N-532-4, N-661-1			
		(if applicable)		
	CERTIFICATI	E OF CONFORMANCE		
	CERTIFICATE	E OF CONFORMANCE		
I certify that (a) the	e statements made in this report are correct; (b) the examinations and tests	meet the Inspection Plan a	s required by th
ASMF Code Section	n VI: and (a) the renair/real accoment activities of			
NOME COUC, COOLS	n XI; and (c) the repair/replacement activities a	and evaluations supporting th		20
		and evaluations supporting th		
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	rements of Section XI.	NG P.	(refi	
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conform to the requi	rements of Section XI. SOPERVISING FOR FNG. PROGRAM. Owner or Owner's Designee, Title	NG P.	(refi	
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Signed M	rements of Section XI. SUPERVISING FOR FNG. PROGRAM. Owner or Owner's Designee, Title LUAGE HOEHN II.	Date Z - I	9-Z015	ueling outage number
Signed M	rements of Section XI. SUPERVISING FOR FNG. PROGRAM. Owner or Owner's Designee, Title LAKE HOEHN II. CERTIFICATE OF	Date Z - I INSERVICE INSPECTION tional Board of Boiler and Pre	9 - Z Ø I 5 essure Vessel Inspectors an	ueling outage number
Signed Nice I, the undersigned	rements of Section XI. SOPERVISING FOR ENGR. PROGRAM. Owner or Owner's Designee, Title HEHN II. CERTIFICATE OF holding a valid commission issued by the Nati	S Date Z - I S Date Z - I S INSERVICE INSPECTION Stional Board of Boiler and Preservice INSERVICE INSERVIC	essure Vessel Inspectors an of Hartfi	nd the State or
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I, the undersigned Province of have inspected the inspected all activiti	CERTIFICATE OF Missouri and employed betterns described in this Owner's Activity Report	S Date Z - 1 S INSERVICE INSPECTION Itional Board of Boiler and Preservice OY HSBCT The and state that, to the best of the the requirements of Section	essure Vessel Inspectors an of Hartforf my knowledge and belief,	nd the State or ord, CT
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CALLAWAY NUCLEAR PLANT

TABLE 1 ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE

Examination Category and Item Number	Item Description	Evaluation Description
F-A, F1.10	EP01R010231A, mechanical snubber. Loose bolting on pipe clamp.	Job 13505184.510 adjusted loose clamp bolt. CAR 201407838.

TABLE 2
ABSTRACT OF REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
3	Component Cooling Water Heat Exchanger	Base metal repair of through wall leak on heat exchanger shell manway.	10/26/2014	11006180
3	Essential Service Water Piping	Encapsulation repairs of through wall leak on Essential Service Water System piping. Piping/encapsulations were subsequently replaced during Refueling Outage 20.	8/7/2014 10/27/2014	14003465 14003510

CALLAWAY NUCLEAR PLANT FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number		20			
Plant		Callaway Plant			
Unit No(if ap	1 Commercial service da	ate12/19/198	Refueling o	utage no20	
Current inspection inte	rval	2 nd (IWI (1st, 2nd,	E Program) 3rd, 4th, other)		
Current inspection per	iod	2 nd (IWI	= Brogram)		
Edition and Addenda	of Section XI applicable to the inspec		001 Edition with 2003 Add	enda (IWE Program)	
Date and revision of in	spection plans	IWE Prog	ram: 12/08/2009, Rev. 3		
Edition and Addenda	of Section XI applicable to repair/repl	acement activities, if differ	rent than the inspection pla	nns <u>N/A</u>	
Code Cases used	N-532-4, N-685	(if applic	able)		
17.7	CERTI	FICATE OF CONFORMA	NCE		
I certify that (a) the s	tatements made in this report are co	rrect; (b) the examinations	s and tests meet the Inspe	ction Plan as required by	the
ASME Code, Section 2	KI; and (c) the repair/replacement ac	tivities and evaluations su	pporting the completion of	20	
				(refueling outage num	iber)
conform to the require		a .			
Signed Jand B	oden what IWE Program Of Owner or Dwner's Designee, Fille	vner Date [1/4]	15		
	owner oppuner a besignee, the				
	CERTIFICA	ATE OF INSERVICE INSE	PECTION		
I, the undersigned, h	olding a valid commission issued by	the National Board of Boil	er and Pressure Vessel In	spectors and the State or	r
Province of M	ISSOURI and emp	ployed by HSB G	FS of HAR	TFORD, Ct.	
have inspected the iter	ns described in this Owner's Activity	Report, and state that, to	the best of my knowledge	and belief, the Owner ha	IS
performed all activities	represented by this report in accord	ance with the requirement	s of Section XI.		
By signing this co	ertificate neither the Inspector nor his	employer makes any war	ranty, expressed or implie	d, concerning the repair/	
replacement activities	and evaluation described in this repo	ort. Furthermore, neither the	he Inspector nor his emplo	yer shall be liable in any	
manner for any person	injury or property damage or a los	s of any kind arising from	or connected with this insp	ection.	
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Date 13 OF					

CALLAWAY NUCLEAR PLANT

TABLE 1 ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE

Examination Category and Item Number	Item Description	Evaluation Description
E-A, E1.11	Containment Liner Plate Barrel	CAR 201407183 documents a few areas of identified blistered paint on the Containment Liner Plate Barrel. The evaluation determined the blistered paint was not a result of corrosion or other distress to the liner base metal and the condition was therefore acceptable.
E-A, E1.11	Containment In-core Tunnel Sump Liner	CAR 201407240 identified corrosion and paint degradation on the In-core Tunnel Sump Liner. The degradation subsequently was removed.
E-C, E4.11	Containment In-core Tunnel Sump Liner	201408183 documented three localized areas of pitting after removal of the degradation identified in CAR 201407240. These areas were evaluated and it was determined the In-core Tunnel Sump Liner was acceptable for continued use.

TABLE 2 ABSTRACT OF REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan
				Number
None	None	None	None	None