



Serial: RNP-RA/01-0170

NOV 12 2001

United States Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/LICENSE NO DPR-23

SUPPLEMENTAL INFORMATION REGARDING
NRC BULLETIN 2001-01, "CIRCUMFERENTIAL CRACKING OF
REACTOR PRESSURE VESSEL HEAD PENETRATION NOZZLES"

Ladies and Gentlemen:

The purpose of this letter is to provide supplemental information for the H. B. Robinson Steam Electric Plant (HBRSEP), Unit No. 2, regarding NRC Bulletin 2001-01, "Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles." This information was discussed with members of the NRC Staff on November 9, 2001.

HBRSEP, Unit No. 2, will perform a qualified visual examination of the 69 vessel head penetrations (VHPs) during Refueling Outage (RO) - 21 in October 2002. Non-destructive examinations (NDE) of the 69 VHPs will also be performed during RO-21 using a combination of surface and volumetric techniques to assure the integrity of VHPs. A plan for NDE of the HBRSEP, Unit No. 2, VHPs will be provided to the NRC Staff at least 60 days prior to the start of RO-21.

This supplemental information is provided under oath or affirmation in accordance with 10 CFR 50.54(f). Attachment I provides the required affidavit.

Attachment II to this letter provides a summary of information regarding fabrication data for the HBRSEP, Unit No. 2, vessel head penetrations (VHPs).

If you have any questions regarding this matter, please contact Mr. H. K. Chernoff.

Sincerely,

B. L. Fletcher III
Manager - Regulatory Affairs

A088

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Attachments:

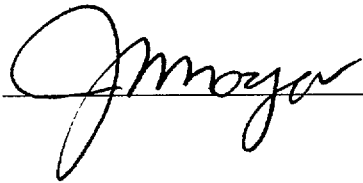
- I. Affidavit
- II. Fabrication Data for HBRSEP, Unit No. 2, Vessel Head Penetrations

c: Mr. B. S. Mallett, NRC, Region II
Mr. A. G. Hansen, NRC, NRR
NRC Resident Inspectors, HBRSEP

AFFIDAVIT


**State of South Carolina
County of Darlington**

J. W. Moyer, having been first duly sworn, did depose and say that the information contained in letter RNP-RA/01-0170 is true and correct to the best of his information, knowledge, and belief; and the sources of this information are officers, employees, contractors, and agents of Carolina Power and Light Company.



Sworn to and subscribed before me

this 12th day of November, 20 01



Notary Public for South Carolina

My commission expires: 9/13/2009

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
FABRICATION DATA FOR HBRSEP, UNIT NO. 2, VESSEL HEAD PENETRATIONS

Housing Part No.	Serial No.	Rejection Notice No.	Initial Measurements (Inches)	Dispositioning	Head Penetration No. (CE Drawing No. 232-283)
284-02	615202	337	3.9994 - 4.000		5
284-03	615205	337	3.999 - 3.9995		9
284-03	615204	337	3.9998		7
284-01	615201	337	3.9998		1
284-02	615203	337	3.9995 - 3.9998		2
284-03	615206	337	No Measurement Listed as "OK"		8
284-02	615207	337	No Measurement Listed as "OK"		4
284-04	615208	337	3.9995		11
284-04	615209	337	4.000		10
284-04	615210	337	3.9995		13
284-05	615211	337	3.9998		20
284-13-6	615259	2016	3.9995 - 4.000		68
284-07	615222	2016	4.000		27
284-09	615226	2016	3.9995		43
284-09	615225	2016	No Measurement Listed as "OK"		44
284-11	615246	2016	3.9995 - 4.0005	Rework/polish to within drawing tolerance	Not Listed/Used
284-10	615248	2016	3.9995 - 4.0005	Rework/polish to within drawing tolerance	47
284-09-5	615254	2016	3.9995 - 4.0003	Rework/polish to within drawing tolerance	41

Housing Part No.	Serial No.	Rejection Notice No.	Initial Measurements (Inches)	Dispositioning	Head Penetration No. (CE Drawing No. 232-283)
284-12-4	615266	2016	3.9995 - 4.0004	Rework/polish to within drawing tolerance	61
284-11	615244	2016	3.9995 - 4.0000		50
284-11	615241	2011	No Measurement Listed as "OK"		54
284-11	615240	2011	4.002	Rework/polish to within drawing tolerance	52
284-11	615245	2011	4.0002 - 4.0006	Rework/polish to within drawing tolerance	55
284-11	615243	2011	4.0003	Rework/polish to within drawing tolerance	57
284-11	615239	2011	3.998 - 3.9997	Accepted as-is	56
284-13-6	615261	2011	3.999		69
284-13-1	615252	2011	3.9997 - 4.001	Rework/polish to within drawing tolerance	64
284-13-2	615260	2011	3.999 - 4.000		62
284-13-5	615256	2011	4.000		63
284-06	615220	2011	3.999 - 3.9995		23
284-06	615219	2011	4.0003	Rework/polish to within drawing tolerance	25
284-06	615229	2011	4.000 - 4.0006	Rework/polish to within drawing tolerance	24
284-08	615230	2011	Initial Measurement 4.0003	Remeasured - New dimension not recorded, but listed as "OK"	30
284-07	615218	2011	3.999		26
284-06	615216	2011	3.9995		22
284-12-3	615265	2011	3.999 - 4.000		59

Housing Part No.	Serial No.	Rejection Notice No.	Initial Measurements (Inches)	Dispositioning	Head Penetration No. (CE Drawing No. 232-283)
284-09-3	615257	2011	No Measurement. Listed as "OK"		38
284-08	615236	2011	4.000		33
284-13-4	615255	Vendor/Sub-Contractor Waiver Request (Date 9/28/67) W.R. No. FDW-1	3.998 (12.5 inches from end)	Accepted as-is	66
284-13-3	615258	Vendor/Sub-contractor Waiver Request (Date 9/28/67) W.R. No. FDW-1	3.9982	Chrome plating/build-up to restore drawing tolerance	67