

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina
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 ZIMMERMAN, S. R. Carolina Power & Light Co.
 RECIP. NAME: RECIPIENT AFFILIATION
 DENTON, H. R. Office of Nuclear Reactor Regulation, Director

SUBJECT: Forwards addl info re control of min wall thickness in ASME Class 1, 2 & 3 piping, sys at plant. Encl tables provide results of in situ exams of piping in RHR & component cooling water sys. Info resolves concerns re SER Open Item 4.

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Carolina Power & Light Company

NOV 07 1984

SERIAL: NLS-84-453

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT
UNIT NO. 1 - DOCKET NO. 50-400
CONTROL OF MINIMUM WALL THICKNESS

Dear Mr. Denton:

Carolina Power & Light Company (CP&L) hereby submits additional information concerning "Control of Minimum Wall Thickness in ASME Class 1, 2, and 3 Piping Systems" at the Shearon Harris Nuclear Power Plant. The enclosed table provides the results of insitu examinations of piping in the Residual Heat Removal System and the Component Cooling Water System for minimum wall thicknesses. These examinations were requested by the Mechanical Engineering Branch at a meeting in Bethesda, Maryland on August 17, 1984. The purpose of this information is to resolve the remaining NRC concerns associated with Safety Evaluation Report Open Item No. 4.

If you have further questions or require additional information, please contact our staff.

Yours very truly,


S. R. Zimmerman
Manager

Nuclear Licensing Section

GAS/cfr (763GAS)

Enclosure

cc: Mr. B. C. Buckley (NRC)	Mr. Wells Eddleman
Mr. G. F. Maxwell (NRC-SHNPP)	Mr. John D. Runkle
Mr. J. P. O'Reilly (NRC-RII)	Dr. Richard D. Wilson
Mr. David Terao (NRC-MEB)	Mr. G. O. Bright (ASLB)
Mr. Travis Payne (KUDZU)	Dr. J. H. Carpenter (ASLB)
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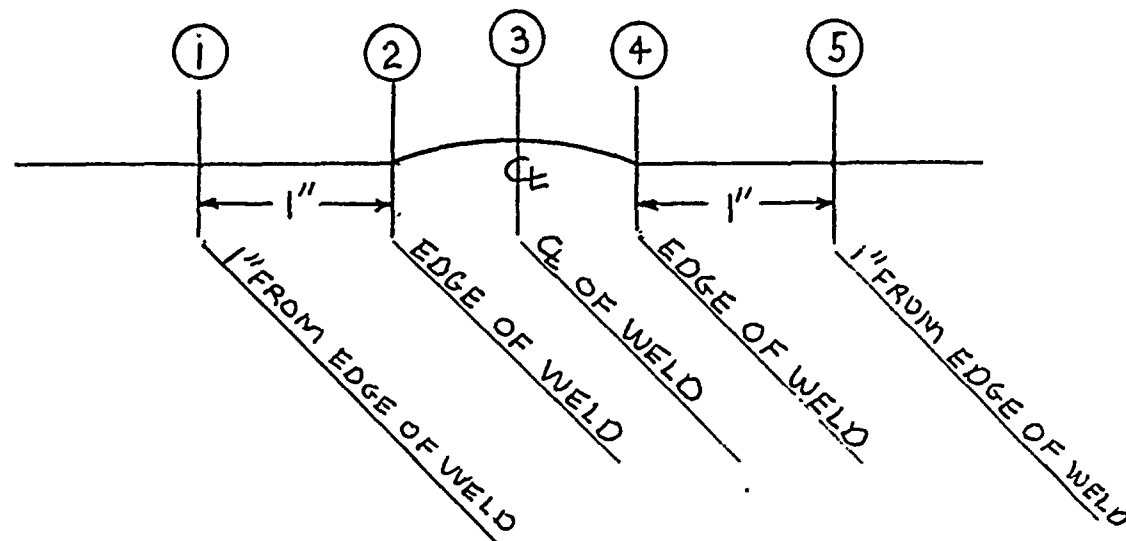
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SUBJECT MIN-WALL SER OI 4

RESPONSE TO NRC STAFF QUESTION RAISED IN AUG. 17, 1984
MEETING

WELD NO.	LINE NUMBER	①	②	③	④	⑤	SCH.	*MIN. WALL
1	3CC18-6SB-1	.432-.482	.436-.466	.504-.563	.387-.448	.387-.448	STD.	.328
2	3CC12-15SB-1	.362-.424	.336-.424	.448-.508	.378-.407	.378-.398	STD.	.328
3	3CC12-12SA-1	.362-.400	.360-.402	NONE	.382-.420	.387-.418	STD.	.328
4	3CC18-3SA-1	.450-.512	.472-.508	.542-.583	.387-.432	.380-.432	STD.	.328
5	3CC20-11SN-1	.359-.402	.356-.406	.360-.509	.366-.403	.366-.396	STD.	.328
6	3CC20-11SN-1	.335-.418	.332-.403	NONE	.389-.404	.365-.394	STD.	.328
7	3CC14-413SN-1	.381-.406	.386-.427	.410-.462	.374-.392	.372-.394	STD.	.328
8	3CC6-255SN-1	.262-.290	.268-.304	NONE	.282-.320	.285-.332	40	.245
9	3CC6-256SN-1	.282-.316	.278-.314	NONE	.264-.313	.259-.317	40	.245
10	3CC12-15SB-1	.365-.445	.348-.368	NONE	.332-.382	.342-.424	STD.	.328

$$* T_m = T_n \times .875$$



CALCULATION SHEET

SHT. 2 OF 2

BY: _____ DATE: _____

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SUBJECT _____

WELD NO.	LINE NUMBER	(1)	(2)	(3)	(4)	(5)	SCH.	MIN. WALL
1	2RH10-8SB-1	.398-.407	.338-.398	.368-.412	.423-.539	.474-.548	40S	.319
2	2RH10-4SA-1	.380-.412	.384-.409	.355-.401	.331-.382	.389-.401	40S	.319
3	2RH10-4SA-1	.381-.392	.372-.397	.394-.513	.380-.413	.385-.415	40S	.319
4	2RH10-3SA-1	.392-.422	.392-.422	.361-.480	.336-.376	.340-.397	40S	.319
5	2RH10-3SA-1	.399-.409	.354-.394	.384-.461	.412-.438	.438-.544	40S	.319
6	2RH10-3SA-1	.367-.396	.336-.397	.368-.407	.375-.397	.373-.401	40S	.319
7	2SI14-256SB-1	.387-.401	.340-.384	.375-.480	.331-.369	.386-.397	.375	.328
8	2RH14-7SB-1	.394-.408	.368-.394	.420-.543	.367-.403	.376-.405	.375	.328
9	2RH10-3SA-1	NONE	NONE	.574-.683	.378-.418	.397-.423	40S	.319
10	2RH8-5SA-1	.318-.347	.307-.357	.376-.445	.304-.348	.312-.342	40S	.2

$$* T_m = T_n \times .875$$

