

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8306130004 DOC. DATE: 83/06/02 NOTARIZED: NO DOCKET #
 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe 05000397
 AUTH. NAME AUTHOR AFFILIATION
 BOUCHEX, G.D. Washington Public Power Supply System
 RECIP. NAME RECIPIENT AFFILIATION
 SCHWENCER, A. Licensing Branch 2

SUBJECT: Requests authorization to use encl ASME Code Case N-343
 "Alternative Scope of Exam of Attachment Welds for Exam
 Categories G-H, B-K-1 & CC Section XI, Div 1, Rev 2 to Reg
 Guide 1.147 will include code case w/no addl requirements.

DISTRIBUTION CODE: B001S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 2
 TITLE: Licensing Submittal: PSAR/FSAR Amdts & Related Correspondence

NOTES:

RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
NRR/DL/ADL	1 0	NRR LB2 BC	1 0
NRR LB2 LA	1 0	AULUCK, R. 01	1 1
INTERNAL: ELD/HDS2	1 0	IE FILE	1 1
IE/DEPER/EPB 36	3 3	IE/DEPER/IRB 35	1 1
IE/DEQA/QAB 21	1 1	NRR/DE/AEAB	1 0
NRR/DE/CEB 11	1 1	NRR/DE/EHEB	1 1
NRR/DE/EOB 13	2 2	NRR/DE/GB 28	2 2
NRR/DE/MEB 18	1 1	NRR/DE/MTEB 17	1 1
NRR/DE/SAB 24	1 1	NRR/DE/SGEB 25	1 1
NRR/DE/SGEB 30	1 1	NRR/DHFS/HFEB40	1 1
NRR/DHFS/LQB 32	1 1	NRR/DHFS/PSRB	1 1
NRR/DL/SSPB	1 0	NRR/DSI/AEB 26	1 1
NRR/DSI/ASB	1 1	NRR/DSI/CPB 10	1 1
NRR/DSI/CSB 09	1 1	NRR/DSI/ICSB 16	1 1
NRR/DSI/METB 12	1 1	NRR/DSI/PSB 19	1 1
NRR/DSI/PAB 22	1 1	NRR/DSI/RSB 23	1 1
<u>REG FILE</u> 04	1 1	RGN5	3 3
RM/DDAMI/MIB	1 0		

EXTERNAL: ACRS 41	6 6	BNL (AMDTS ONLY)	1 1
DMB/DSS (AMDTS)	1 1	FEMA-REP DIV 39	1 1
LPDR 03	1 1	NRC PDR 02	1 1
NSIC 05	1 1	NTIS	1 1

TOTAL NUMBER OF COPIES REQUIRED: LTTR 54 ENCL 47

THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES
DEPARTMENT OF CHEMISTRY
CHICAGO, ILLINOIS 60637
U.S.A.

TO THE EDITOR OF THE JOURNAL OF THE AMERICAN CHEMICAL SOCIETY
FROM THE DEPARTMENT OF CHEMISTRY, UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637, U.S.A.

RECEIVED JANUARY 10, 1967
RECEIVED JANUARY 10, 1967

TABLE I		TABLE II		TABLE III		TABLE IV	
Reaction Conditions		Reaction Conditions		Reaction Conditions		Reaction Conditions	
Time, hr	Yield, %	Time, hr	Yield, %	Time, hr	Yield, %	Time, hr	Yield, %
1	10	1	10	1	10	1	10
2	20	2	20	2	20	2	20
3	30	3	30	3	30	3	30
4	40	4	40	4	40	4	40
5	50	5	50	5	50	5	50
6	60	6	60	6	60	6	60
7	70	7	70	7	70	7	70
8	80	8	80	8	80	8	80
9	90	9	90	9	90	9	90
10	100	10	100	10	100	10	100
11	110	11	110	11	110	11	110
12	120	12	120	12	120	12	120
13	130	13	130	13	130	13	130
14	140	14	140	14	140	14	140
15	150	15	150	15	150	15	150
16	160	16	160	16	160	16	160
17	170	17	170	17	170	17	170
18	180	18	180	18	180	18	180
19	190	19	190	19	190	19	190
20	200	20	200	20	200	20	200
21	210	21	210	21	210	21	210
22	220	22	220	22	220	22	220
23	230	23	230	23	230	23	230
24	240	24	240	24	240	24	240
25	250	25	250	25	250	25	250
26	260	26	260	26	260	26	260
27	270	27	270	27	270	27	270
28	280	28	280	28	280	28	280
29	290	29	290	29	290	29	290
30	300	30	300	30	300	30	300
31	310	31	310	31	310	31	310
32	320	32	320	32	320	32	320
33	330	33	330	33	330	33	330
34	340	34	340	34	340	34	340
35	350	35	350	35	350	35	350
36	360	36	360	36	360	36	360
37	370	37	370	37	370	37	370
38	380	38	380	38	380	38	380
39	390	39	390	39	390	39	390
40	400	40	400	40	400	40	400
41	410	41	410	41	410	41	410
42	420	42	420	42	420	42	420
43	430	43	430	43	430	43	430
44	440	44	440	44	440	44	440
45	450	45	450	45	450	45	450
46	460	46	460	46	460	46	460
47	470	47	470	47	470	47	470
48	480	48	480	48	480	48	480
49	490	49	490	49	490	49	490
50	500	50	500	50	500	50	500
51	510	51	510	51	510	51	510
52	520	52	520	52	520	52	520
53	530	53	530	53	530	53	530
54	540	54	540	54	540	54	540
55	550	55	550	55	550	55	550
56	560	56	560	56	560	56	560
57	570	57	570	57	570	57	570
58	580	58	580	58	580	58	580
59	590	59	590	59	590	59	590
60	600	60	600	60	600	60	600
61	610	61	610	61	610	61	610
62	620	62	620	62	620	62	620
63	630	63	630	63	630	63	630
64	640	64	640	64	640	64	640
65	650	65	650	65	650	65	650
66	660	66	660	66	660	66	660
67	670	67	670	67	670	67	670
68	680	68	680	68	680	68	680
69	690	69	690	69	690	69	690
70	700	70	700	70	700	70	700
71	710	71	710	71	710	71	710
72	720	72	720	72	720	72	720
73	730	73	730	73	730	73	730
74	740	74	740	74	740	74	740
75	750	75	750	75	750	75	750
76	760	76	760	76	760	76	760
77	770	77	770	77	770	77	770
78	780	78	780	78	780	78	780
79	790	79	790	79	790	79	790
80	800	80	800	80	800	80	800
81	810	81	810	81	810	81	810
82	820	82	820	82	820	82	820
83	830	83	830	83	830	83	830
84	840	84	840	84	840	84	840
85	850	85	850	85	850	85	850
86	860	86	860	86	860	86	860
87	870	87	870	87	870	87	870
88	880	88	880	88	880	88	880
89	890	89	890	89	890	89	890
90	900	90	900	90	900	90	900
91	910	91	910	91	910	91	910
92	920	92	920	92	920	92	920
93	930	93	930	93	930	93	930
94	940	94	940	94	940	94	940
95	950	95	950	95	950	95	950
96	960	96	960	96	960	96	960
97	970	97	970	97	970	97	970
98	980	98	980	98	980	98	980
99	990	99	990	99	990	99	990
100	1000	100	1000	100	1000	100	1000

Washington Public Power Supply System

P.O. Box 968 3000 George Washington Way Richland, Washington 99352 (509) 372-5000

June 2, 1983
G02-83-482
NS-L-02-PLP-83-027

Docket No. 50-397

Director of Nuclear Reactor Regulation
Attention: Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington D.C. 20555

Dear Mr. Schwencer:

Subject: NUCLEAR PROJECT NO. 2
USE OF ASME CODE CASE N-343, ALTERNATIVE SCOPE
OF EXAMINATION OF ATTACHMENT WELDS FOR
EXAMINATION CATEGORIES B-H, B-K-1, and
CC SECTION XI, DIVISION 1.

This letter requests authorization to use the subject code case. As related in separate phone conversations between Mr. D. Smith (NRC) and P. L. Powell (SS) on May 19, 1983, and Mr. M. R. Hum (NRC) and P. L. Powell on May 23, 1983, the subject code case will be listed as acceptable in Revision 2 to Regulatory Guide 1.147. As related, Revision 2 to R.G. 1.147 is currently being approved for issuance by the NRC, and when issued will include Code Case N-343 as written with no additional requirements other than those shown on the attached case report. Code Case N-343 is not listed in Revision 1 to R.G. 1.147.

In the interim the Supply System desires to use the subject code. Your written authorization to implement Code Case N-343 is requested.

Very truly yours,



G. D. Bouchey
Manager Nuclear Safety and Regulatory Programs

PLP/mmt

cc: R Auluck NRC
WS Chin BPA
A Toth NRC Site

8306130004 830602
PDR ADDCK 05000397
A PDR

Boo
1/1

100

100

100

CASES OF ASME BOILER AND PRESSURE VESSEL CODE

*Meeting of January 15, 1982
Approved by Council, April 2, 1982*

*This Case shall expire on April 2, 1985
unless previously annulled or reaffirmed.*

Case N-343

**Alternative Scope of Examination of Attachment Welds
for Examination Categories B-H, B-K-1, and C-C
Section XI, Division 1**

Inquiry: May an alternative scope of examination be applied to integral attachment welds under Examination Categories B-H, B-K-1, and C-C of Section XI, Division 1?

Reply: It is the opinion of the Committee that the following alternative scope of examination may be applied to integral attachment welds under Examination Categories B-H, B-K-1, and C-C of Section XI, Division 1:

1.0 Examination Category B-H

Weld buildup on nozzles that is in compression under normal conditions and provides only component support is excluded from examination. Examination is limited to those integrally welded attachments that meet the following conditions:

- (a) the attachment is on the outside surface of the pressure retaining component;
- (b) the attachment provides component support as defined in NF-1110;
- (c) the attachment base material design thickness is 5/8 in. or greater; and

- (d) the attachment weld joins the attachment either directly to the surface of the vessel or to an integrally cast or forged attachment to the vessel.

2.0 Examination Category B-K-1

Examination is limited to those integrally welded attachments that meet the following conditions:

- (a) the attachment is on the outside surface of the pressure retaining component;
- (b) the attachment provides component support as defined in NF-1110;
- (c) the attachment base material design thickness is 5/8 in. or greater; and
- (d) the attachment weld joins the attachment either directly to the surface of the component or to an integrally cast or forged attachment to the component.

3.0 Examination Category C-C

Examination is limited to those integrally welded attachments that meet the following conditions:

- (a) the attachment is on the outside surface of the pressure retaining component;
- (b) the attachment provides component support as defined in NF-1110;
- (c) the attachment base material design thickness is 3/4 in. or greater; and
- (d) the attachment weld joins the attachment either directly to the surface of the component or to an integrally cast or forged attachment to the component.

1