



Doc 16

only
welds 710¹⁰
submitted 2/13/05
to EIO.
C/A

C COIL RT1 WELD MAP

Defect Number	Photo Number	Length Inches	Width Inches	Depth Inches	Over 10% Wall Yes/No	Weld Permeability Result
1	1	3	1 1/2	3/16	NO	OK
2	1	5 1/2	2	1/4	NO	OK
3	1	9	4 1/2	1/4	NO	OK
4	1	12	4	1/4	NO	OK
5	1	2	1	1/4	NO	OK
6	1	2	1	1/4	NO	OK
7	1	3 7/8	3	3/16	NO	OK
8	1	1	1	1/4	NO	OK
9	1	3	2	1/4	NO	OK
10	1	2 3/4	1 3/4	1/4	NO	OK
11	1	1 3/4	1	1/4	NO	OK
12	1	2	1	1/4	NO	OK
13	2	4	3	1/4	NO	OK
14	2	3	1 1/2	1/4	NO	OK
15	2	2	1 1/2	1/4	NO	OK
16	2	2	1	1/4	NO	OK
17	2	1 3/4	1	1/4	NO	OK
18	2	2	1	1/4	NO	OK
19	2	2	1 1/4	1/4	NO	OK
20	2	2	1 1/2	1/4	NO	OK
21	2	1 1/2	1 1/2	1/4	NO	OK
22	58	2	1	1/4	NO	OK
23	3	2	2	1/2	NO	OK
24	3	2	1	3/16	NO	OK
25	3	4	3	3/4	NO yes	OK
26	3	2	3 1/2	3/8	NO	OK
27	3	2	1	1/2	NO	OK
28	3	2 1/2	1 1/2	1/4	NO	OK
29	4	2 1/2	1 1/2	1/4	NO	OK
30	5	1 1/2	2	1/4	NO	OK
31	5	2 1/2	1 1/2	1/4	NO	OK
32	5	3 1/2	1 1/2	1/4	NO	OK
33	5	2	1 1/2	1/4	NO	OK
34	5	3	2	1/4	NO	OK
35	6	3	3/4	1/4	NO	OK

checked
3/6/05
≤ 1.02

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3/2/05 EIO.

C COIL RT1 WELD MAP

Defect Number	Photo Number	Length Inches	Width Inches	Depth Inches	Over 10% Wall Yes/No	Weld Permeability Result
36	6	1 1/4	1	3/8	NO	OK
37	6	3 1/2	2 1/2	3/8	NO	OK
38	6	3	2 3/4	3/4	NO	OK
39	6	2	1 1/2	1/8	NO	OK
40	6	2	1 1/2	1/4	NO	OK
41	6	5	2	1	YES	OK
42	6	5 3/4	3	1 1/2	YES	OK
43	7	4 3/4	1 1/2	7/8	YES	OK
44	7	2 1/2	1 1/2	1/4	NO	OK
45	59	3 1/4	1 1/4	1/4	NO	OK
46	59	5 1/2	3 1/2	2	YES	OK
47	7	2	1 1/2	1/2	NO	OK
48	7	5	2 1/2	2	YES	OK
49	7	6	4	1 1/2	YES	OK
50	8	9	4	THRU	YES	OK
51	8	4	1/2	3/8	NO	OK
52	9	1	1/2	1/4	NO	OK
53	9	2 1/2	2	1/4	NO	OK
54	9	2	1	1/4	NO	OK
55	10	6 1/2	3 3/4	1/2	NO	OK
56	10	2 1/2	1 1/4	1/4	NO	OK
57	10	3 1/2	2 1/2	1/8	NO	OK
58	11	2	1 1/2	1/4	NO	OK
59	11	2	1 1/2	1/4	NO	OK
60	14	2 1/2	2	3/4	YES	OK
61	14	2	1 1/4	1/2	YES	OK
62	13	13	5 3/4	THRU	YES	OK
63	14	2 1/4	1 1/2	1/4	NO	OK
64	14	2 1/4	1 1/2	1/4	NO	OK
65	14	7 1/4	5 1/2	1 3/4	YES	OK
66	14	3	1	1/4	NO	OK
67	14	8 1/4	4	1 1/2	YES	OK
68	14	5 1/2	3	1	YES	OK
69	17	6	2	1 1/2	YES	OK
70	17	3	2 1/2	1 3/4	YES	OK
71	17	7 1/2	4 1/2	2 3/4	YES	OK
72	17	3	1	1/4	NO	OK

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C1.02

C COIL RT1 WELD MAP

Defect Number	Photo Number	Length Inches	Width Inches	Depth Inches	Over 10% Wall Yes/No	Weld Permeability Result
73	16	3	1	1/4	NO	OK
74	17	1	1/2	1/4	NO	OK
75	15	3	2 1/2	1/4	NO	OK
76	15	2	1 1/2	1/4	NO	OK
77	16	2	1 1/2	1/4	NO	OK
78	19	2 1/2	1 1/2	1/4	NO	OK
79	18	4 1/8	1 1/2	1/2	YES	OK
80	18	1 1/2	1	1/4	NO	OK
81	18	4	3 3/4	1 1/4	YES	OK
82	20	11 1/2	4 1/2	2	YES	OK
83	20	6	3	1	YES	OK
84	23	1 1/2	1	1/8	NO	OK
85	23	3	1 1/2	1/8	NO	OK
86	23	4	3 1/2	3/8	NO	OK
87	23	6	2	3/8	NO	OK
88	21	5	3 1/4	7/8	YES	OK
89	22	8 1/2	2 1/2	3/4	Yes	OK
90	22	3	1 1/2	3/8	Yes	OK
91	60	1	1	1/8	No	OK
92	60	1	1/2	1/8	No	OK
93	23	4	1 1/2	3/8	Yes	OK
94	23	3	2 1/2	3/8	Yes	OK
95	23	1 1/2	1	1/8	No	OK
96	23	1	1	1/8	No	OK
97	23	3	2	1/8	No	OK
98	61	4 1/2	1 1/2	1/4	Yes	OK
99	24	1 1/2	3/4	7/8	Yes	OK
100	24	9 3/4	4 1/4	2 1/8	Yes	OK
101	24	1 1/2	1	1/8	No	OK
102	24	6	2	1/2	Yes	OK
103	24	1	1	1/8	No	OK
104	24	1	1/2	1/2	No	OK
105	24	3 1/2	3	1 1/4	Yes	OK
106	24	6 7/8	2	1	Yes	OK
107	26	1 1/2	1 1/2	3/4	Yes	OK
108	26	7	5	1 1/2	Yes	OK
109	27	11 1/2	6 1/2	2 1/2	Yes	OK

3/6/05
L1.02

C COIL RT1 WELD MAP

Defect Number	Photo Number	Length Inches	Width Inches	Depth Inches	Over 10% Wall Yes/No	Weld Permeability Result
110	25	8 1/2	1	3/8	Yes	OK
111	25	1	1	3/8	Yes	OK
112	62	2	1	3/8	Yes	OK
113	62	1	1/2	3/8	Yes	OK
114	28	2	1	3/8	Yes	OK
115	28	3 3/4	1	3/8	Yes	OK
116	28	1	1	3/16	No	OK
117	29	1 1/2	1 1/2	3/16	No	OK
118	29	4	1 1/2	3/16	No	OK
119	28	2	1 1/2	3/8	Yes	OK
120	28	2	1 1/2	3/8	Yes	OK
121	28	1 1/2	1	3/8	No	OK
122	28	3 1/2	1 1/2	3/8	No	OK
123	28	1	1/2	1/8	No	OK
124	28	2	1	3/8	No	OK
125	28	17	2	3/8	No	OK
126	30	2	1 1/2	1/4	No	OK
127	30	3 1/2	1 3/4	3/4	Yes	OK
128	32	1 3/4	1	3/8	Yes	OK
129	32	2	1	1/2	No	OK
130	32	3	1 3/4	1/2	No	OK
131	32	1	1/2	1/2	No	OK
132	32	1/2	1/2	1/2	No	OK
133	32	2 3/4	1/2	3/8	Yes	OK
134	32	2 1/4	1 3/4	1/4	Yes	OK
135	31	5 1/2	3	1 1/2	Yes	OK
136	31	4	2	1 1/2	Yes	OK
137	31	3	2	3/4	Yes	OK
138	31	5 1/2	2	1	Yes	OK
139	31	3	3	1	Yes	OK
140	31	3 1/2	3	1	Yes	OK
141	31	5 1/4	1 1/2	1/4	No	OK
142	31	1 1/2	1	1/4	No	OK

3/6/05
C1.02

1. Weld maps submitted to EIO/PPPL on _____ By: _____
2. Weld maps approved by EIO/PPPL on _____ By: _____

C COIL RT1 WELD MAP

Defect Number	Photo Number	Length Inches	Width Inches	Depth Inches	Over 10% Wall Yes/No	Weld Permeability Result
143	33	2	1	1/8	No	OK
144	33	2	1	1/8	No	OK
145	32	3	1/2	1/8	No	OK
146	32	2	1/2	1/8	No	OK
147	35	4	3	1/8	No	OK
148	35	3	1 1/2	1/8	No	OK
149	35	2 1/2	1 1/2	1/8	No	OK
150	35	3 1/2	2 1/2	1/8	No	OK
151	34	12 1/2	2 1/2	2	Yes	OK
152	34	3	1 1/2	3/4	Yes	OK
153	34	3	2 1/2	1	Yes	OK
154	34	3	1 3/4	7/8	Yes	OK
155	38	2	1	1/8	No	OK
156	38	5 1/2	1 1/2	1/2	Yes	OK
157	38	1 1/2	1	1/8	Yes	OK
158	36	2	1 1/2	3/8	Yes	OK
159	37	3 1/2	3	1	Yes	OK
160	37	1 1/2	1	1/2	Yes	OK
161	37	1	1	3/8	Yes	OK
162	39	7	1 1/2	3/8	Yes	OK
163	39	1 1/2	1 1/2	1/2	Yes	OK
164	39	1	1 1/2	1/8	No	OK
165	39	3 1/2	1	3/8	No	OK
166	39	1	1	1/8	No	OK
167	39	1 1/2	1	3/8	Yes	OK
168	40	4	2	3/8	No	OK
169	40	8	1 1/2	3/8	Yes	OK
170	40	1 1/2	1 1/2	1/8	No	OK
171	40	6 3/4	4	3/8	Yes	OK
172	63	5 1/2	1	3/8	Yes	OK
173	41	4	2 1/4	3/16	No	OK
174	41	4	1	3/8	Yes	OK
175	41	5	1	3/8	Yes	OK
176	42	1	1/2	1/2	No	OK
177	43	1	1	3/8	Yes	OK

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L1.02

OK

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C COIL RT1 WELD MAP

3/6/05

21.02

Defect Number	Photo Number	Length Inches	Width Inches	Depth Inches	Over 10% Wall Yes/No	Weld Permeability Result
178	43	1 1/2	1	1/8	No	OK
179	43	1 1/2	1	3/8	No	OK
180	44	1	1	1/2	No	OK
181	44	1	1	1/2	No	OK
182	44	2	2	1	Yes	OK
183	44	2 1/2	2	3/4	Yes	OK
184	45	1	1	1/2	No	OK
185	46	1	1/2	3/8	Yes	OK
186	46	1	1	1/8	No	OK
187	64	2	1 1/2	1/4	No	OK
188	47	2	1 1/2	1/4	No	OK
189	48	2	1 1/2	1/4	No	OK
190	48	3	2 1/4	1/4	No	OK
191	48	9 1/4	3	1 7/8	Yes	OK
192	49	1 1/4	1	3/8	No	OK
193	49	6 1/8	3 3/4	1 1/8	Yes	OK
194	49	1 3/4	1 1/4	3/8	No	OK
195	50	1 1/2	1	1/8	No	OK
196	65	1	1	3/8	No	OK
197	51	2	1 1/4	3/8	No	OK
198	51	6	3/4	1/2	No	OK
199	51	4	1 1/2	3/8	No	OK
200	55	2	1 1/2	1/8	No	OK
201	54	4	3 1/4	2 1/2	Yes	OK
202	52	5	2	1/2	No	OK
203	52	6 3/4	3	3/8	No	OK
204	52	5 1/2	3 1/2	3/4	Yes	OK
205	57	3 1/4	3	2 1/4	Yes	OK
206	56	7 1/2	3	2	Yes	OK
207	66	3	2 1/8	1/8	No	OK
208	66	1	1/2	1/8	No	OK
209	66	2 1/8	1 1/2	3/8	No	OK
210	66	2 1/2	1	3/8	No	OK
211	67	2	1 1/2	1 1/4	Yes	OK
212	68	7	3 1/4	1	Yes	OK
213	68	5 1/2	3 1/4	1 1/2	Yes	OK
214	68	5 1/2	4	3/16	No	OK

C COIL RT1 WELD MAP

3/6/05
Checked
1.02

Defect Number	Photo Number	Length Inches	Width Inches	Depth Inches	Over 10% Wall Yes/No	Weld Permeability Result
215	69	2 ³ / ₄	2	1 ¹ / ₈	Yes	OK
216	69	1 ¹ / ₂	1	1 ¹ / ₈	No	OK
217	70	12	11	2	Yes	OK
218	70	1	1 ¹ / ₂	3 ¹ / ₁₆	No	OK
219	71	11 ³ / ₄	1 ¹ / ₂	3 ¹ / ₁₆	No	OK
220	72	2 ³ / ₈	1	3 ¹ / ₈	No	OK
221	73	6	4 ³ / ₄	2	Yes	OK
222	74	1	1 ¹ / ₂	1 ¹ / ₈	No	OK
223	74	1	1 ¹ / ₂	1 ¹ / ₈	No	OK
224	74	3	1 ¹ / ₂	1 ¹ / ₈	No	OK
225	75	9 ¹ / ₂	2 ¹ / ₂	2 ¹ / ₂	Yes	OK
226	76	12 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₈	No	OK
227	76	1	1 ¹ / ₂	1 ¹ / ₈	No	OK
228	77	1	1	3 ¹ / ₄	Yes	OK
229	77	4	1 ¹ / ₂	1 ¹ / ₈	No	OK
230	78	2	1	1 ¹ / ₈	No	OK
231	78	9	5	3 ¹ / ₂	Yes	OK
232	79	1	1 ¹ / ₂	1 ¹ / ₈	No	OK
233	79	4 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₈	No	OK
234	79	13 ¹ / ₄	1 ¹ / ₂	3 ¹ / ₈	Yes	OK
235	79	3	2	1	Yes	OK
236	79	2	1 ¹ / ₂	1	Yes	OK
237	80	2	1	3 ¹ / ₈	No	OK
238	81	2	1	3 ¹ / ₈	No	OK
239	82	3	1 ¹ / ₂	1 ¹ / ₂	Yes	OK
240	82	5 ¹ / ₂	13 ¹ / ₄	1 ¹ / ₈	No	OK
241	83	2 ¹ / ₂	1 ¹ / ₂	3 ¹ / ₈	No	OK
242	85	1	1	1 ¹ / ₈	No	OK
243	84	2	13 ¹ / ₄	3 ¹ / ₈	Yes	OK
244	84	1	1	1 ¹ / ₈	No	OK
245	86	1	1 ¹ / ₂	1 ¹ / ₈	No	OK
246	86	1	1	3 ¹ / ₈	No	OK
247	87	3 ¹ / ₄	1	3 ¹ / ₈	No	OK
248	87	2 ³ / ₄	1 ¹ / ₂	1	Yes	OK
249	87	1 ¹ / ₂	1	3 ¹ / ₈	Yes	OK
250	88	1 ¹ / ₂	1	3 ¹ / ₈	No	OK
251	88	1 ¹ / ₂	1	3 ¹ / ₈	No	OK

C COIL RT1 WELD MAP

Defect Number	Photo Number	Length Inches	Width Inches	Depth Inches	Over 10% Wall Yes/No	Weld Permeability Result
253	1	1	1	1/8	NO	OK
254	1	1	1	1/8	NO	OK
255	1	2	1 5/8	1/8	NO	OK
256	1	1 1/2	1	3/8	NO	OK
257	2	2 1/2	1 1/2	3/8	NO	OK
258	2	1	1	1/8	NO	OK
259	2	4	1	3/8	NO	OK
260	3	2	1 1/2	1/2	YES	OK
261	3	4	2	3/4	YES	OK
262	4	1	1/2	3/8	NO	OK
263	5	1	1	3/8	NO	OK
264	5	1 1/2	1 1/2	1/2	YES	OK
265	6	1	1	5/8	NO	OK
266	6	9 1/4	2	3/8	NO	OK
267	7	1 1/2	1/2	1/4	NO	OK
268	7	2	1 1/2	1/4	NO	OK
269	7	3	2	1/4	NO	OK
270	7	5	2	1/8	NO	OK
271	7	4	2	1/8	NO	OK
272	7	1 1/2	1 1/2	1/4	NO	OK
273	7	1 1/2	1	1/4	NO	OK
274	7	1	1	3/8	NO	OK
275	8	2	1	1	YES	OK
276	8	1	1	3/8	NO	OK
277	8	1 1/2	1	1/2	NO	OK
278	8	1	1	1/2	NO	OK
279	8	2 1/2	2	5/8	NO	OK
280	9	2 1/2	2	5/8	NO	OK
281	9	2	2	1/2	YES	OK
282	10	1	1	1/8	NO	OK
283	11	4	1 1/2	1/2	YES	OK
284	11	3	1	1/2	YES	OK
285	12	2	1/2	1/4	NO	OK

1. Weld maps submitted to EIO/PPPL on 3/23/05 By: RS
 2. Weld maps approved by EIO/PPPL on NA By: _____

C COIL RT1 WELD MAP

Defect Number	Photo Number	Length Inches	Width Inches	Depth Inches	Over 10% Wall Yes/No	Weld Permeability Result
286	12	2	2	1	YES	OK
287	12	2	2	1/2	YES	OK
288	12	1	1	1/4	NO	OK
289	12	2 1/2	2	3/8	NO	OK
290	12	4	2	1/4	NO	OK
291	12	1 1/2	1	3/8	NO	OK
292	12	1 1/2	1	1/8	NO	OK
293	12	2	1	3/8	NO	OK
294	12	3	1	5/8	NO	OK
295	12	2	1	3/8	NO	OK
296	13	1	1	1/4	NO	OK
297	13	2	1	1/4	NO	OK
298	13	1	1	1/8	NO	OK
299	13	1 1/2	1 1/2	1/2	NO	OK
300	13	2	1	3/8	NO	OK
301	13	3	2 1/2	1 1/4	YES	OK
302	13	6 1/2	3 1/2	1 1/2	YES	OK
303	13	3 1/2	3 1/2	1	YES	OK
304	14	2 1/2	2 1/2	1	YES	OK
305	14	4	3	1	YES	OK
306	14	1 1/2	1 1/2	3/8	NO	OK
307	15	4	2	3/8	NO	OK
308	15	4	2	3/8	NO	OK
309	15	2 1/2	2 1/2	5/8	NO	OK
310	16	2 1/2	2 1/4	1/2	YES	OK
311	17	3 1/2	3	3/8	NO	OK
312	17	1	1	1/8	NO	OK
313	17	3	1 1/2	1/8	NO	OK
314	17	3	1 1/2	1/8	NO	OK
315	17	2 1/2	2 1/2	3/8	NO	OK
316	17	2 1/2	2	3/8	NO	OK
317	17	1 1/2	1	1/8	NO	OK
318	18	1	1	1/8	NO	OK

1. Weld maps submitted to EIO/PPPL on 3/23 By: RS
 2. Weld maps approved by EIO/PPPL on NA By: NA

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