



Donald F. Schnell
Senior Vice President
Nuclear

September 9, 1988

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Station P1-137
Washington, D.C. 20555

Gentlemen:

ULNRC-1830

DOCKET NO. 50-483
CALLAWAY PLANT
NONCONFORMING MATERIALS

- References: 1) NRC Bulletin 88-05, dated May 6, 1988
2) NRC Bulletin 88-05, Supplement 1,
dated June 15, 1988
3) NRC Bulletin 88-05, Supplement 2,
dated August 3, 1988

The referenced NRC bulletin and supplements required licensees to review records, test, and evaluate material supplied by West Jersey Manufacturing (WJM), Piping Supplies Incorporated (PSI) and Chews Landing Metal Manufacturers Inc. (CLM). The attachment to this letter provides the information as required by NRC Bulletin 88-05 and as amended by NRC Bulletin 88-05, Supplement 2 (i.e., provide information compiled as of August 3, 1988).

Union Electric has completed the records search and identification of all safety related material supplied either directly or indirectly by WJM, PSI, or CLM to the Callaway Plant. No PSI or CLM supplied material was found during the records search. A total of 343 components supplied from WJM were found to be installed in safety related systems. Evaluations showed that 223 components are located in accessible areas of the plant. Testing of these components was completed on August 5, 1988. Of the 223 components, 11 are stainless steel (SA182) and were tested for magnetism using a Severn Gauge. All 11 stainless steel components were found acceptable since their delta ferrite numbers were less than 15. The remaining 212 accessible components are carbon steel (SA105) and were tested using the Equotip hardness method. Eighty-four of

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these components fell outside the acceptance range of 137HB to 187HB (using the NUMARC acceptance criteria of greater than 116HB, only 4 components would be found unacceptable).

JCOs have been completed for 22 of the unacceptable components. JCO preparation for the remaining 62 components was in progress when Bulletin 88-05, Supplement 2 suspended all JCO requirements. All components tested before August 3, 1988 which fell outside the acceptance range were reported to the NRC within 48 hours as required by Bulletin 88-05, Supplement 1.

The remaining 120 components were determined to be inaccessible and were scheduled for testing during Callaway's Refuel III outage (scheduled for March, 1989). However, testing of these components has been temporarily suspended by Bulletin 88-05, Supplement 2. All inaccessible items were reported to the NRC within 48 hours of being located as required by Bulletin 88-05, Supplement 1. A generic qualitative JCO has been prepared to address all the inaccessible material (as well as any untested material).

A total of 8 safety related flanges were located in the warehouse (not installed in safety related systems). One of these flanges was donated to NUMARC for testing and the balance were Equotip tested. None of the flanges tested by Union Electric fell outside the acceptance range of 137HB to 187HB. The testing results from the flange donated to NUMARC have not been received.

Union Electric has not located all of the non-safety related material. Only 34 non-safety related flanges have been located installed in the plant and 4 non-safety related flanges have been found in the warehouse. None of the non-safety related material has been tested.

Union Electric plans no further actions in response to Bulletin 88-05 unless otherwise notified by the NRC or NUMARC. If you have any questions concerning this letter, please contact me.

Very truly yours,


Donald F. Schnell

WEK/TMD/pkm

Attachment

STATE OF MISSOURI)
) S S
CITY OF ST. LOUIS)

Donald F. Schnell, of lawful age, being first duly sworn upon oath says that he is Senior Vice President-Nuclear and an officer of Union Electric Company; that he has read the foregoing document and knows the content thereof; that he has executed the same for and on behalf of said company with full power and authority to do so; and that the facts therein stated are true and correct to the best of his knowledge, information and belief.

By Donald F. Schnell
Donald F. Schnell
Senior Vice President
Nuclear

SUBSCRIBED and sworn to before me this 9th day of September, 1987

Mary C. Guinn
MARY C. GUINN
NOTARY PUBLIC—STATE OF MISSOURI
ST. LOUIS CITY
MY COMMISSION EXPIRES JUNE 16, 1990

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U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

HEAT NUMBER-A11404

OPS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
1	EF08S005/511	A11404	8" 1500 RFWN S/40 BORE	125.5	08 JUL 88	29 JUL 88
2	EF08S007/511	A11404	8" 1500 RFWN S/40 BORE	153HB	08 JUL 88	01 AUG 88
3	EF08S007/511-2	A11404	8" 1500 RFWN S/40 BORE	103HB	08 JUL 88	01 AUG 88
4	EF08S015/511	A11404	8" 1500 RFWN S/40 BORE	150HB	11 JUL 88	02 AUG 88
5	EF08S017/511	A11404	8" 1500 RFWN S/40 BORE	143.5	08 JUL 88	02 AUG 88
6	EF08S017/511-2	A11404	8" 1500 RFWN S/40 BORE	151HB	08 JUL 88	02 AUG 88
7	EF08S022/511	A11404	8" 1500 RFWN S/40 BORE	105.5	08 JUL 88	01 AUG 88
8	EF08S022/511-2	A11404	8" 1500 RFWN S/40 BORE	177HB	08 JUL 88	01 AUG 88
9	EF08S023/511	A11404	8" 1500 RFWN S/40 BORE	128HB	08 JUL 88	29 JUL 88
10	EF08S023/511-2	A11404	8" 1500 RFWN S/40 BORE	147HB	08 JUL 88	29 JUL 88

HEAT NUMBER-A11702

OPS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
11	EF05PC70	A11702	14" 1500 RFWN FLG	135	06 JUL 88	21 JUL 88
12	EF05PC71	A11702	14" 1500 RFWN FLG	146	06 JUL 88	21 JUL 88
13	EL18S003/611	A11702	12" 3000 RFWN DRIFICE FLG	127HB	01 JUL 88	14 JUL 88
14	EL18S004/611	A11702	12" 3000 RFWN DRIFICE FLG	127HB	01 JUL 88	14 JUL 88
15	EL18S013/611	A11702	12" 3000 RFWN DRIFICE FLG	125HB	01 JUL 88	14 JUL 88
16	EL18S014/611	A11702	12" 3000 RFWN DRIFICE FLG	129HB	01 JUL 88	14 JUL 88

HEAT NUMBER-H3143

OPS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
17	KJ01S005/511	H3143	42" 1500 RFWN FLG	143HB	08 JUL 88	05 AUG 88
18	KJ01S012/511	H3143	42" 1500 RFWN FLG	136HB	08 JUL 88	02 AUG 88

HEAT NUMBER-H3446

OPS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
19	KJ01S015/511	H3446	26" 1500 RFWN FLG	131HB	11 JUL 88	02 AUG 88
20	KJ01S016/511	H3446	26" 1500 RFWN FLG	166HB	08 JUL 88	29 JUL 88
21	KJ01S017/511	H3446	26" 1500 RFWN FLG	130.5	08 JUL 88	29 JUL 88
22	KJ01S018/511	H3446	26" 1500 RFWN FLG	139HB	08 JUL 88	29 JUL 88
23	KJ01S019/511	H3446	26" 1500 RFWN FLG	130.5	11 JUL 88	01 AUG 88
24	KJ01S020/511	H3446	26" 1500 RFWN FLG	146HB	11 JUL 88	01 AUG 88
25	KJ01S021/511	H3446	26" 1500 RFWN FLG	146HB	11 JUL 88	01 AUG 88
26	KJ01S022/511	H3446	26" 1500 RFWN FLG	135HB	11 JUL 88	01 AUG 88
27	KJ01S023/511	H3446	26" 1500 RFWN FLG	125HB	08 JUL 88	29 JUL 88
28	KJ01S024/511	H3446	26" 1500 RFWN FLG	133HB	08 JUL 88	29 JUL 88
29	KJ01S025/511	H3446	26" 1500 RFWN FLG	130.5	08 JUL 88	29 JUL 88
30	KJ01S026/511	H3446	26" 1500 RFWN FLG	130HB	08 JUL 88	29 JUL 88

HEAT NUMBER=J4E

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
31	EF025043/144	J4E	3" 1500 RFMN S/80 PORE	250HB	06.JUL.88	02.AUG.88
32	EF025044/142	J4E	3" 1500 RFMN S/80 PORE	193HB	07.JUL.88	29.JUL.88
33	EF025045/112	J4E	3" 1500 RFMN S/80 PORE	233HB	06.JUL.88	21.JUL.88
34	EF025046/112	J4E	3" 1500 RFMN S/80 PORE	267HB	07.JUL.88	02.AUG.88
35	EF025048/112	J4E	3" 1500 RFMN S/80 PORE	194HB	06.JUL.88	05.AUG.88
36	EF025050/152	J4E	3" 1500 RFMN S/80 PORE	217HB	07.JUL.88	02.AUG.88
37	EF035046/144	J4E	3" 1500 RFMN S/80 PORE	175HB	07.JUL.88	29.JUL.88
38	EF035048/142	J4E	3" 1500 RFMN S/80 PORE	177HB	06.JUL.88	29.JUL.88
39	EF035050/112	J4E	3" 1500 RFMN S/80 PORE	193HB	06.JUL.88	21.JUL.88
40	EF035052/112	J4E	3" 1500 RFMN S/80 PORE	165HB	08.JUL.88	21.JUL.88
41	EF035054/112	J4E	3" 1500 RFMN S/80 PORE	250HB	07.JUL.88	02.AUG.88
42	EF035056/112	J4E	3" 1500 RFMN S/80 PORE	240HB	06.JUL.88	05.AUG.88
43	EF045035/111	J4E	3" 1500 RFMN S/80 PORE	166HB	06.JUL.88	05.AUG.88
44	EF045036/111	J4E	3" 1500 RFMN S/80 PORE	177HB	07.JUL.88	21.JUL.88
45	EF045037/141	J4E	3" 1500 RFMN S/80 PORE	177HB	06.JUL.88	21.JUL.88
46	EF045038/111	J4E	3" 1500 RFMN S/80 PORE	190HB	07.JUL.88	05.AUG.88
47	EF045039/111	J4E	3" 1500 RFMN S/80 PORE	176HB	06.JUL.88	21.JUL.88
48	EF045042/143	J4E	3" 1500 RFMN S/80 PORE	166HB	07.JUL.88	29.JUL.88
49	EF055041/111	J4E	3" 1500 RFMN S/80 PORE	190HB	06.JUL.88	21.JUL.88
50	EF055043/111	J4E	3" 1500 RFMN S/80 PORE	197	06.JUL.88	21.JUL.88
51	EF055045/111	J4E	3" 1500 RFMN S/80 PORE	195HB	08.JUL.88	05.AUG.88
52	EF055047/111	J4E	3" 1500 RFMN S/80 PORE	174HB	08.JUL.88	05.AUG.88
53	EF055049/143	J4E	3" 1500 RFMN S/80 PORE	181HB	06.JUL.88	14.JUL.88
54	EF055052/141	J4E	3" 1500 RFMN S/80 PORE	167HB	06.JUL.88	14.JUL.88

HEAT NUMBER=J8G

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
55	AL025004/135	J8G	4" 6000 RFMN ORIFICE FLG	152HB	05.JUL.88	19.JUL.88
56	AL025005/135	J8G	4" 6000 RFMN ORIFICE FLG	133HB	08.JUL.88	21.JUL.88
57	AL025007/135	J8G	4" 6000 RFMN ORIFICE FLG	136	05.JUL.88	21.JUL.88
58	AL025008/135	J8G	4" 6000 RFMN ORIFICE FLG	136.5	05.JUL.88	21.JUL.88
59	AL035002/135	J8G	4" 6000 RFMN ORIFICE S/80	141HB	05.JUL.88	19.JUL.88
60	AL035003/135	J8G	4" 6000 RFMN ORIFICE FLG	135HB	08.JUL.88	21.JUL.88
61	AL035005/135	J8G	4" 6000 RFMN ORIFICE S/80	147.5	05.JUL.88	21.JUL.88
62	AL035006/135	J8G	4" 6000 RFMN ORIFICE FLG	130.5	05.JUL.88	21.JUL.88

HEAT NUMBER=LB1783

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
63	KJ015001/511	LB1783	28" 1500 RFMN FLG	141HB	11.JUL.88	05.AUG.88
64	KJ015003/511	LB1783	28" 1500 RFMN FLG	140HB	08.JUL.88	05.AUG.88
65	KJ015004/511	LB1783	28" 1500 RFMN FLG	147HB	08.JUL.88	05.AUG.88
66	KJ015008/511	LB1783	28" 1500 RFMN FLG	138HB	11.JUL.88	02.AUG.88
67	KJ015010/511	LB1783	28" 1500 RFMN FLG	136.5	08.JUL.88	02.AUG.88
68	KJ015011/511	LB1783	28" 1500 RFMN FLG	137HB	08.JUL.88	02.AUG.88

*** BULLETIN 88-05 DATASET (SA105) ***
 * SAFETY RELATED ACCESSIBLE MATERIAL *

HEAT NUMBER=LB1784

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
69	K J015002/511	LB1784	28" 150# RFMN FLG	140HB	08_JUL_88	05AUG88
70	K J015009/511	LB1784	28" 150# RFMN FLG	137HB	08_JUL_88	02AUG88

HEAT NUMBER=M746901

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
71	AL015004/125	M74	12" 150# RFMN STD	121.5	05_JUL_88	21_JUL_88

HEAT NUMBER=M847101

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
72	EG015018/142	M847101	20" 150# RF MN STD BORE	140HB	01_JUL_88	14_JUL_88
73	EG035007/141	M847101	20" 150# RFMN STD BORE	111HB	05_JUL_88	21_JUL_88
74	EG035007/141-2	M847101	20" 150# RFMN STD BORE	111HB	05_JUL_88	21_JUL_88
75	EG035010/141	M847101	20" 150# RFMN STD BORE	117HB	05_JUL_88	21_JUL_88
76	EG035022/141	M847101	20" 150# RFMN STD BORE	140HB	05_JUL_88	21_JUL_88
77	EG035023/141	M847101	20" 150# RFMN STD BORE	140HB	01_JUL_88	14_JUL_88

HEAT NUMBER=11830

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
78	EF085066/511	11830	6" 150# RFMN S/40 BORE	146HB	11_JUL_88	01AUG88
79	EF085016/511	11830	6" 150# RFMN S/40 BORE	135HB	11_JUL_88	02AUG88
80	GP015002/231	11830	6" 150# RFMN S/80 BORE	122.5	11_JUL_88	29_JUL_88
81	GP015003/133	11830	6" 150# RFMN S/80 BORE	140HB	11_JUL_88	02AUG88

HEAT NUMBER=T2199

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
82	EF065051/135	T2199	3" 150# RFMN STD BORE	128HB	08_JUL_88	03AUG88
83	EF065053/135	T2199	3" 150# RFMN STD BORE	121HB	08_JUL_88	03AUG88
84	EF065055/135	T2199	3" 150# RFMN STD BORE	136HB	06_JUL_88	03AUG88
85	EF065057/135	T2199	3" 150# RFMN STD BORE	143HB	08_JUL_88	03AUG88
86	EF065066/152	T2199	3" 150# RFMN STD BORE	172.5	06_JUL_88	02AUG88
87	EF065067/152	T2199	3" 150# RFMN STD BORE	117.5	11_JUL_88	02AUG88

* SAFETY RELATED ACCESSIBLE MATERIAL *

HEAT NUMBER-T415

ORIS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
88	EF025047/112	T415	3* 1500 RFWN S/80 BORE	161HB	07.JUL.88	02AUG88
89	EF125001/611	T415	3* 1500 RFWN S/40 BORE	144.5	08.JUL.88	03AUG88
90	EF125002/611	T415	3* 1500 RFWN S/40 BORE	143.5	08.JUL.88	03AUG88
91	EF125003/611	T415	3* 1500 RFWN S/40 BORE	159.5	08.JUL.88	03AUG88
92	EF125004/611	T415	3* 1500 RFWN S/40 BORE	143HB	08.JUL.88	03AUG88
93	EF145009/341	T415	3* 1500 RFWN S/80 BORE	125HB	11.JUL.88	05AUG88
94	EF145020/341	T415	3* 1500 RFWN S/80 BORE	126HB	11.JUL.88	05AUG88
95	EF155006/341	T415	3* 1500 RFWN S/80 BORE	121HB	11.JUL.88	05AUG88
96	EF155007/341	T415	3* 1500 RFWN S/80 BORE	141HB	14.JUL.88	05AUG88
97	JE025003/511	T415	3* 1500 RFWN STD BORE	125HB	06.JUL.88	21.JUL.88
98	JE035002/511	T415	3* 1500 RFWN STD BORE	130HB	06.JUL.88	21.JUL.88

HEAT NUMBER-T4205

ORIS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
99	EG115016/241	T4205	3* 15000 RFWN ORIFICE FLG	130HB	13.JUL.88	29.JUL.88
100	EG115017/241	T4205	3* 15000 RFWN ORIFICE FLG	135HB	13.JUL.88	29.JUL.88
101	EG135019/232	T4205	3* 15000 RFWN ORIFICE FLG	143.5	14.JUL.88	29.JUL.88
102	EG135011/232	T4205	3* 15000 RFWN ORIFICE FLG	130HB	14.JUL.88	29.JUL.88
103	EG155005/242	T4205	3* 15000 RFWN ORIFICE FLG	137.5	13.JUL.88	01AUG88
104	EG155006/242	T4205	3* 15000 RFWN ORIFICE FLG	133.5	13.JUL.88	01AUG88
105	EG175006/241	T4205	3* 15000 RFWN ORIFICE FLG	140.5	14.JUL.88	01AUG88
106	EG175007/241	T4205	3* 15000 RFWN ORIFICE FLG	132HB	14.JUL.88	01AUG88

HEAT NUMBER-T4298

ORIS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
107	AL015009/125	T4298	8* 1500 RFWN STD BORE	139HB	06.JUL.88	19.JUL.88
108	EF075002/311	T4298	8* 1500 RFWN STD BORE	130HB	06.JUL.88	29.JUL.88
109	EF075010/311	T4298	8* 1500 RFWN STD BORE	147HB	06.JUL.88	21.JUL.88
110	EF075018/311	T4298	8* 1500 RFWN STD BORE	137HB	07.JUL.88	19.JUL.88

HEAT NUMBER-T6323

ORIS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
111	AL015015/125	T6323	6* 1500 RFWN STD BORE	143HB	08.JUL.88	19.JUL.88
112	EF065017/125	T6323	6* 1500 RFWN STD BORE	143.5	11.JUL.88	29.JUL.88
113	EF065045/125	T6323	6* 1500 RFWN STD BORE	133HB	06.JUL.88	29.JUL.88
114	G0015003/231	T6323	6* 1500 RFWN S/80	153HB	12.JUL.88	29.JUL.88
115	G0015003/231-2	T6323	6** 1500 RFWN S/80	143HB	12.JUL.88	29.JUL.88

HEAT NUMBER 8-M2573

OPS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
116	EF015004/132	M2573	24" 3000 RFMM ORIFICE FLG	167HB	07.JUL.88	05.AUG.88
117	EF015005/132	M2573	24" 3000 RFMM ORIFICE FLG	167HB	07.JUL.88	05.AUG.88
118	EF015003/131	M2573	24" 3000 RFMM ORIFICE FLG	157HB	07.JUL.88	21.JUL.88
119	EF015004/111	M2573	24" 3000 RFMM ORIFICE FLG	150HB	07.JUL.88	21.JUL.88

HEAT NUMBER 8-M2930

OPS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
120	EF015001/311	M2930	30" 1502 RFMM STD FLG	142HB	07.JUL.88	19.JUL.88
121	EF015002/311	M2930	30" 1502 RFMM STD FLG	140HB	06.JUL.88	19.JUL.88
122	EF015007/311-2	M2930	30" 1502 RFMM STD FLG	144HB	06.JUL.88	19.JUL.88
123	EF015003/311	M2930	30" 1502 RFMM STD FLG	140.5	06.JUL.88	19.JUL.88
124	EF015004/311-2	M2930	30" 1502 RFMM STD FLG	141	06.JUL.88	19.JUL.88
125	EF015004/311	M2930	30" 1502 RFMM STD FLG	142HB	06.JUL.88	19.JUL.88
126	EF015007/311	M2930	30" 1502 RFMM STD FLG	143.5	06.JUL.88	19.JUL.88
127	EF015008/311	M2930	30" 1502 RFMM STD FLG	142HB	05.JUL.88	21.JUL.88
128	EF015016/311	M2930	30" 1502 RFMM STD FLG	143.5	06.JUL.88	21.JUL.88
129	EF015017/311	M2930	30" 1502 RFMM STD FLG	143.5	06.JUL.88	19.JUL.88
130	EF015013/311	M2930	30" 1502 RFMM STD FLG	143HB	06.JUL.88	19.JUL.88
131	EF015013/311-2	M2930	30" 1502 RFMM STD FLG	145HB	05.JUL.88	19.JUL.88
132	EF015014/311	M2930	30" 1502 RFMM STD FLG	143HB	06.JUL.88	19.JUL.88
133	EF015014/311-2	M2930	30" 1502 RFMM STD FLG	142HB	06.JUL.88	19.JUL.88
134	EF015017/311	M2930	30" 1502 RFMM STD FLG	141HB	07.JUL.88	19.JUL.88
135	EF015016/311	M2930	30" 1502 RFMM STD FLG	144.5	06.JUL.88	19.JUL.88
136	EF015017/311	M2930	30" 1502 RFMM STD FLG	143HB	06.JUL.88	21.JUL.88
137	EF015019/311	M2930	30" 1502 RFMM STD FLG	142HB	06.JUL.88	21.JUL.88
138	EF015020/311	M2930	30" 1502 RFMM STD FLG	143.5	07.JUL.88	19.JUL.88
139	EF015021/311	M2930	30" 1502 RFMM STD FLG	143HB	06.JUL.88	21.JUL.88
140	EF015021/311-2	M2930	30" 1502 RFMM STD FLG	143.5	06.JUL.88	21.JUL.88
141	EF015022/311	M2930	30" 1502 RFMM STD FLG	143HB	06.JUL.88	21.JUL.88
142	EF015022/311-2	M2930	30" 1502 RFMM STD FLG	142HB	06.JUL.88	19.JUL.88
143	EF015023/311	M2930	30" 1502 RFMM STD FLG	143HB	06.JUL.88	21.JUL.88
144	EF015026/311	M2930	30" 1502 RFMM STD FLG	142HB	06.JUL.88	21.JUL.88
145	EF015027/311	M2930	30" 1502 RFMM STD FLG	143HB	06.JUL.88	21.JUL.88
146	EF015027/311-2	M2930	30" 1502 RFMM STD FLG	140HB	06.JUL.88	21.JUL.88
147	EF015029/311	M2930	30" 1502 RFMM STD FLG	140.5	06.JUL.88	21.JUL.88
148	EF015030/311	M2930	30" 1502 RFMM STD FLG	140HB	06.JUL.88	19.JUL.88
149	EF015030/311-2	M2930	30" 1502 RFMM STD FLG	143HB	06.JUL.88	19.JUL.88
150	EF015031/311	M2930	30" 1502 RFMM STD FLG	143HB	06.JUL.88	19.JUL.88
151	EF015031/311-2	M2930	30" 1502 RFMM STD FLG	141HB	06.JUL.88	19.JUL.88
152	EF015032/311	M2930	30" 1502 RFMM STD FLG	142HB	07.JUL.88	19.JUL.88
153	EF015033/311	M2930	30" 1502 RFMM STD FLG	142HB	06.JUL.88	21.JUL.88
154	EF015034/311	M2930	30" 1502 RFMM STD FLG	142HB	06.JUL.88	21.JUL.88
155	EF015034/311-2	M2930	30" 1502 RFMM STD FLG	140HB	06.JUL.88	21.JUL.88

*** PUBLICATION 88-05 DETECT: (S4105) ***
 * SAFETY RELATED ACCESSIBLE MATERIAL *

HEAT NUMBER=43295

DRS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
152	EE J01A	56	24" 1500 RFMN STD FLG	155HB	14.JUL.88	05AUG.88
157	EE J01A-2	5A	24" 1500 RFJM STD FLG	150HB	14.JUL.88	05AUG.88
158	EE J01B	52	24" 1500 RFJM STD FLG	165HB	14.JUL.88	05AUG.88
159	EE J01B-2	55	24" 1500 RFJK STD FLG	155HB	14.JUL.88	05AUG.88
160	EF 625066/132	AO	24" 1500 RFMN STD FLG	175HB	07.JUL.88	29.JUL.88
161	ET 625007/142	5A	24" 1500 RFMN STD FLG	175HB	07.JUL.88	29.JUL.88
162	ET 625095/142	AO	24" 1500 RFMK STD FLG	159HB	07.JUL.88	29.JUL.88
163	EF 625008/142	56	24" 1500 RFJM STD FLG	155HB	07.JUL.88	21.JUL.88
164	EF 625006/141	AO	24" 1500 RFJM STD FLG	154HB	06.JUL.88	21.JUL.88
165	EF 625009/141	5A	24" 1500 RFMK STD FLG	164.5	06.JUL.88	21.JUL.88
166	EF 625010/141	AO	24" 1500 RFSE STD FLG	154HB	06.JUL.88	14.JUL.88
167	EF 625011/141	56	24" 1500 RFSE STD FLG	164HB	08.JUL.88	29.JUL.88

HEAT NUMBER=40109

DRS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
168	EG 615021/142	M0109	18" 3000 RFMN ORIFICE STD	149HB	05.JUL.88	29.JUL.88

HEAT NUMBER=40410

DRS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
169	EG 615021/142	M0410	20" 3000 RFMN ORIFICE FLE	145HB	05.JUL.88	29.JUL.88

HEAT NUMBER=1663

DRS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
170	GF 625065	679	1" 1500 RF5W S/80 BORE	160HB	18.JUL.88	05AUG.88

HEAT NUMBER=17400

DRS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
171	EF 625017/133	HJ	10" 1500 RFMN S/40 FLG	127HB	07.JUL.88	02AUG.88
172	EF 625016/133	HJ	10" 1500 RFMN S/40 FLG	121HB	06.JUL.88	21.JUL.88

HEAT NUMBER=1810

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
173	EG03S001/141	11	20" 150# RFWN STD FLG	130	06JUL88	21JUL88

HEAT NUMBER=205C3R

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
174	EF04S015/123	AA	14" 300# RFWN ORIFICE FLG	133HB	06JUL88	02AUG88
175	EF64S016/123	AA	14" 300# RFWN ORIFICE FLG	133HB	07JUL88	02AUG88

HEAT NUMBER=27K

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
176	EG01S039/142	T27K	19" 150# RFWN STD	130HB	05JUL88	29JUL88
177	EG04S004/141	T27K	18" 150# RFWN STD	128HB	05JUL88	21JUL88
178	EG04S009/141	T27K	13" 150# RFWN STD	130HB	05JUL88	21JUL88
179	EG04S012/141	T27K	18" 150# RFWN STD	129.5	05JUL88	21JUL88
180	EG04S015/141	T27K	18" 150# RFWN STD	143HB	01JUL88	14JUL88

HEAT NUMBER=316102

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
181	EF02S016/134	BR	14" 150# RFWN FLG	137HB	07JUL88	02AUG88
182	EF04S019/123	BR	14" 150# RFWN FLG	137HB	07JUL88	02AUG88
183	EF05S059/133	BR	14" 150# RFWN FLG	126.5	06JUL88	21JUL88

HEAT NUMBER=379

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
184	AL01S012/125	JU65	6" 150# RFWN S/40 FLG	144.5	07JUL88	19JUL88

HEAT NUMBER=39280

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
185	EF02S014/124	AB	16" 300# RFWN ORIFICE FLG	126HB	06JUL88	05AUG88
186	EF02S015/124	AB	16" 300# RFWN ORIFICE FLG	156HB	06JUL88	05AUG88

HEAT NUMBER=4298

	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
187	AL01S008/125	T4298	8" 150# RFWN STD FLG	137.5	05 JUL 88	19 JUL 88
88	EF06S009/125	T4298	8" 150# RFWN STD FLG	137HB	06 JUL 88	29 JUL 88
89	EF06S044/125	T4298	8" 150# RFWN STD FLG	136.5	08 JUL 88	29 JUL 88
190	EF07S001/311	T4298	8" 150# RFWN STD FLG	137HB	06 JUL 88	29 JUL 88
191	EF07S005/311	T4298	8" 150# RFWN STD FLG	136.5	07 JUL 88	21 JUL 88
192	EF07S006/311	T4298	8" 150# RFWN STD FLG	133HB	07 JUL 88	21 JUL 88
193	EF07S011/311	T4293	8" 150# RFWN STD FLG	157HB	06 JUL 88	21 JUL 88
194	EF07S017/311	T4298	8" 150# RFWN STD FLG	138HB	06 JUL 88	21 JUL 88

HEAT NUMBER=48715

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
195	EF03S007/142	BS	16" 150# RFWN FLG	134HB	07 JUL 88	29 JUL 88

HEAT NUMBER=52575

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
196	AL04S001/135	G52575	6" 900# RFWN S/120 BORE	150HB	08 JUL 88	21 JUL 88

HEAT NUMBER=56911

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
197	EF08S004/521	AN	8" 150# RFWN S/40 BORE	131HB	11 JUL 88	01 AUG 88
198	EF08S008/521	AN	8" 150# RFWN S/40 BORE	131HB	08 JUL 88	29 JUL 88
199	EF08S014/521	AN	8" 150# RFWN S/40 BORE	122HB	08 JUL 88	02 AUG 88
200	EF08S018/521	AN	8" 150# RFWN S/40 BORE	136.5	08 JUL 88	02 AUG 88

HEAT NUMBER=600773

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
201	EF03S005/142	773	16" 150# RFWN STD FLG	124HB	07 JUL 88	29 JUL 88
202	EF03S006/142	773	16" 150# RFWN STD FLG	129HB	06 JUL 88	29 JUL 88
203	EF03S006/142-2	773	16" 150# RFWN STD FLG	121HB	06 JUL 88	29 JUL 88
204	EF05S007/141	773	16" 150# RFWN STD FLG	126HB	08 JUL 88	29 JUL 88
205	EF05S008/141	773	16" 150# RFWN STD FLG	127HB	06 JUL 88	21 JUL 88
206	EF05S008/141-2	773	16" 150# RFWN STD FLG	128HB	06 JUL 88	21 JUL 88
207	EF05S009/141	773	16" 150# RFWN STD FLG	121HB	07 JUL 88	21 JUL 88

HEAT NUMBER-77A3W

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
208	AL01S005/125	T8	12" 150# RFWN STD	122.5	05 JUL 88	21 JUL 88

HEAT NUMBER-83779

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	BRINNEL HARDNESS	DATE LOCATED	CLOSURE DATE
209	EF03S017/124	JS	14" 150# RFWN FLG	127HB	08 JUL 88	02 AUG 88
210	GN02S003/231	JS	14" 150# RFWN FLG	164.5	12 JUL 88	29 JUL 88
211	GN02S043/231	JS	14" 150# RFWN FLG	144HB	12 JUL 88	29 JUL 88
212	GN02S043/231-2	JS	14" 150# RFWN FLG	140HB	12 JUL 88	29 JUL 88

HEAT NUMBER=AN626

OBS	COMPONENT	HEAT CODE	COMPONENT DESCRIPTION	DELTA FERRITE NUMBER	DATE LOCATED	CLOSURE DATE
1	BG01S021/112	AN6	3" 15" 4 RFWN S/160 BORE	<15FN	11 JUL 88	05 AUG 88

HEAT NUMBER=51-714

OBS	COMPONENT	HEAT CODE	COMPONENT DESCRIPTION	DELTA FERRITE NUMBER	DATE LOCATED	CLOSURE DATE
2	EN01S006/112	T51	14" 150# RFWN STD BORE	<15FN	08 JUL 88	05 AUG 88
3	EN02S005/111	T51	14" 150# RFWN STD BORE	<15FN	06 JUL 88	05 AUG 88
4	EN02S005/111-2	T51	14" 150# RFWN STD BORE	<15FN	06 JUL 88	05 AUG 88

HEAT NUMBER=55128T

OBS	COMPONENT	HEAT CODE	COMPONENT DESCRIPTION	DELTA FERRITE NUMBER	DATE LOCATED	CLOSURE DATE
5	EN01S005/112	T55	14" 150# RFWN STD BORE	<15FN	08 JUL 88	05 AUG 88
6	EN01S006/112	T55	14" 150# RFWN STD BORE	<15FN	08 JUL 88	05 AUG 88
7	EN01S007/112	T55	14" 150# RFWN STD BORE	<15FN	08 JUL 88	05 AUG 88
8	EN02S004/111	T55	14" 150# RFWN STD BORE	<15FN	08 JUL 88	05 AUG 88
9	EN02S006/111	T55	14" 150# RFWN STD BORE	<15FN	08 JUL 88	05 AUG 88

HEAT NUMBER=78289

OBS	COMPONENT	HEAT CODE	COMPONENT DESCRIPTION	DELTA FERRITE NUMBER	DATE LOCATED	CLOSURE DATE
10	BG02S046/111	78289	1" 6000# SW HALF COUPLING	<15FN	11 JUL 88	05 AUG 88
11	BG02S056/112	78289	1" 6000# SW HALF COUPLING	<15FN	11 JUL 88	05 AUG 88

HEAT NUMBER=A32

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	DATE LOCATED
1	EGFH019	A32	3/4" 300# LAP JOINT FLG	20 JUN 88
2	EGFH024	A32	3/4" 300# LAP JOINT FLG	14 JUL 88
3	EGFH034	A32	3/4" 300# LAP JOINT FLG	14 JUL 88
4	EGFH039	A32	3/4" 300" LAP JOINT FLG	14 JUL 88

HEAT NUMBER=A39

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	DATE LOCATED
5	EGFH001	A39	3" 150# LAP JOINT FLG	12 JUL 88
6	EGFH001-2	A39	3" 150# LAP JOINT FLG	12 JUL 88
7	EGFH002	A39	3" 150# LAP JOINT FLG	12 JUL 88
8	EGFH002-2	A39	3" 150# LAP JOINT FLG	12 JUL 88
9	EGFH003	A39	3" 150# LAP JOINT FLG	12 JUL 88
10	EGFH003-2	A39	3" 150# LAP JOINT FLG	12 JUL 88
11	EGFH006	A39	3" 150# LAP JOINT FLG	13 JUL 88
12	EGFH006-2	A39	3" 150# LAP JOINT FLG	13 JUL 88
13	EGFH007	A39	3" 150# LAP JOINT FLG	13 JUL 88
14	EGFH007-2	A39	3" 150# LAP JOINT FLG	13 JUL 88
15	EGFH008	A39	3" 150# LAP JOINT FLG	13 JUL 88
16	EGFH008-2	A39	3" 150# LAP JOINT FLG	13 JUL 88
17	EGFH011	A39	3" 150# LAP JOINT FLG	13 JUL 88
18	EGFH011-2	A39	3" 150# LAP JOINT FLG	13 JUL 88
19	EGFH012	A39	3" 150# LAP JOINT FLG	13 JUL 88
20	EGFH012-2	A39	3" 150# LAP JOINT FLG	13 JUL 88
21	EGFH013	A39	3" 150# LAP JOINT FLG	13 JUL 88
22	EGFH013-2	A39	3" 150# LAP JOINT FLG	13 JUL 88
23	EGFH016	A39	3" 150# LAP JOINT FLG	14 JUL 88
24	EGFH016-2	A39	3" 150# LAP JOINT FLG	14 JUL 88
25	EGFH017	A39	3" 150# LAP JOINT FLG	14 JUL 88
26	EGFH017-2	A39	3" 150# LAP JOINT FLG	14 JUL 88
27	EGFH018	A39	3" 150# LAP JOINT FLG	14 JUL 88
28	EGFH018-2	A39	3" 150# LAP JOINT FLG	14 JUL 88
29	EGFH021	A39	3" 150# LAP JOINT FLG	14 JUL 88
30	EGFH021-2	A39	3" 150# LAP JOINT FLG	14 JUL 88
31	EGFH022	A39	3" 150# LAP JOINT FLG	14 JUL 88
32	EGFH022-2	A39	3" 150# LAP JOINT FLG	14 JUL 88
33	EGFH023	A39	3" 150# LAP JOINT FLG	14 JUL 88
34	EGFH023-2	A39	3" 150# LAP JOINT FLG	14 JUL 88
35	EGFH026	A39	3" 150# LAP JOINT FLG	13 JUL 88
36	EGFH026-2	A39	3" 150# LAP JOINT FLG	13 JUL 88
37	EGFH027	A39	3" 150# LAP JOINT FLG	13 JUL 88
38	EGFH027-2	A39	3" 150# LAP JOINT FLG	13 JUL 88
39	EGFH028	A39	3" 150# LAP JOINT FLG	13 JUL 88
40	EGFH028-2	A39	3" 150# LAP JOINT FLG	13 JUL 88
41	EGFH031	A39	3" 150# LAP JOINT FLG	14 JUL 88
42	EGFH031-2	A39	3" 150# LAP JOINT FLG	14 JUL 88
43	EGFH032	A39	3" 150# LAP JOINT FLG	14 JUL 88
44	EGFH032-2	A39	3" 150# LAP JOINT FLG	14 JUL 88
45	EGFH033	A39	3" 150# LAP JOINT FLG	14 JUL 88

----- HEAT NUMBER=A39 -----

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	DATE LOCATED
46	EGFH033-2	A39	3* 150# LAP JOINT FLG	14 JUL 88
47	EGFH036	A39	3* 150# LAP JOINT FLG	14 JUL 88
48	EGFH036-2	A39	3* 150# LAP JOINT FLG	14 JUL 88
49	EGFH037	A39	3* 150# LAP JOINT FLG	14 JUL 88
50	EGFH037-2	A39	3* 150# LAP JOINT FLG	14 JUL 88
51	EGFH038	A39	3* 150# LAP JOINT FLG	14 JUL 88
52	EGFH038-2	A39	3* 150# LAP JOINT FLG	14 JUL 88

----- HEAT NUMBER=A79 -----

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	DATE LOCATED
53	EGFH004	A79	1* 150# LAP JOINT FLG	12 JUL 88
54	EGFH009	A79	1* 150# LAP JOINT FLG	13 JUL 88
55	EGFH014	A79	1* 150# LAP JOINT FLG	18 JUL 88
56	EGFH019	A79	1* 150# LAP JOINT FLG	20 JUN 88
57	EGFH024	A79	1* 150# LAP JOINT FLG	14 JUL 88
58	EGFH029	A79	1* 150# LAP JOINT FLG	13 JUL 88
59	EGFH034	A79	1* 150# LAP JOINT FLG	14 JUL 88
60	EGFH039	A79	1* 150# LAP JOINT FLG	14 JUL 88

----- HEAT NUMBER=T1830 -----

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	DATE LOCATED
61	EG10S009/231	T1830	2* 1500# RFWN S/160 BORE	12 JUL 88
62	EG11S013/231	T1830	2* 1500# RFWN BEVEL FLG	12 JUL 88
63	EG15S001/232	T1830	2* 1500# RFWN S/160 FLG	13 JUL 88
64	EG16S017/231	T1830	2* 1500# RFWN FLG	13 JUL 88
65	EG17S001/231	T1830	2* 1500# RFWN FLG	14 JUL 88

----- HEAT NUMBER=T4205 -----

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	DATE LOCATED
66	GN01S019/251	T4205	10* 150# RFWN STD BORE	25 JUL 88
67	GN01S020/252	T4205	10* 150# RFWN STD BORE	25 JUL 88
68	GN01S021/252	T4205	10* 150# RFWN STD BORE	25 JUL 88
69	GN01S034/252	T4205	10* 150# RFWN STD BORE	25 JUL 88
70	GN02S025/252	T4205	10* 150# RFWN STD BORE	25 JUL 88
71	GN02S026/242	T4205	10* 150# RFWN STD BORE	25 JUL 88
72	GN02S041/231	T4205	10* 150# RFWN STD BORE	25 JUL 88

----- HEAT NUMBER=T4298 -----

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	DATE LOCATED
73	GN01S017/251	T4298	8* 150# RFWN STD BORE	25JUL88
74	GN01S015/252	T4298	8* 150# RFWN STD BORE	25JUL88
75	GN01S018/251	T4298	8* 150# RFWN STD BORE	25JUL88
76	GN01S033/252	T4298	8* 150# RFWN STD BORE	25JUL88
77	GN02S015/252	T4298	8* 150# RFWN STD BORE	25JUL88
78	GN02S020/251	T4298	8* 150# RFWN STD BORE	25JUL88
79	GN02S038/251	T4298	8* 150# RFWN STD BORE	25JUL88

----- HEAT NUMBER=T6323 -----

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	DATE LOCATED
80	GN01S016/252	T6323	6* 150# RFWN STD BORE	25JUL88
81	GN01S017/251	T6323	6* 150# RFWN STD BORE	25JUL88
82	GN01S031/251	T6323	6* 150# RFWN STD BORE	25JUL88
83	GN01S032/252	T6323	6* 150# RFWN STD BORE	25JUL88
84	GN02S014/252	T6323	6* 150# RFWN STD BORE	25JUL88
85	GN02S021/251	T6323	6* 150# RFWN STD BORE	25JUL88
86	GN02S023/252	T6323	6* 150# RFWN STD BORE	25JUL88
87	GN02S037/251	T6323	6* 150# RFWN STD BORE	25JUL88

----- HEAT NUMBER=T904 -----

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	DATE LOCATED
88	EG13F008/232	T904	3* 150# RFWN FLG	14JUL88

----- HEAT NUMBER=038045 -----

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	DATE LOCATED
89	EG14PC34	038045	3* 150# RFWN FLG	14JUL88

----- HEAT NUMBER=202X -----

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	DATE LOCATED
90	EGFH005	202X	2* 1500# LAP JOINT FLG	12JUL88
91	EGFH005-2	202X	2* 1500# LAP JOINT FLG	12JUL88
92	EGFH010	202X	2* 1500# LAP JOINT FLG	13JUL88
93	EGFH010-2	202X	2* 1500# LAP JOINT FLG	13JUL88
94	EGFH015	202X	2* 1500# LAP JOINT FLG	13JUL88
95	EGFH015-2	202X	2* 1500# LAP JOINT FLG	13JUL88
96	EGFH020	202X	2* 1500# LAP JOINT FLG	14JUL88
97	EGFH025	202X	2* 1500# LAP JOINT FLG	14JUL88
98	EGFH025-2	202X	2* 1500# LAP JOINT FLG	14JUL88
99	EGFH030	202X	2* 1500# LAP JOINT FLG	13JUL88
100	EGFH030-2	202X	2* 1500# LAP JOINT FLG	13JUL88
101	EGFH035	202X	2* 1500# LAP JOINT FLG	14JUL88
102	EGFH035-2	202X	2* 1500# LAP JOINT FLG	14JUL88
103	EGFH040	202X	2* 1500# LAP JOINT FLG	14JUL88
104	EGFH040-2	202X	2* 1500# LAP JOINT FLG	14JUL88

----- HEAT NUMBER=4205 -----

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	DATE LOCATED
105	GN02S040/251	T4205	10* 150# RFWN STD BORE	25JUL88

----- HEAT NUMBER=4298 -----

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	DATE LOCATED
106	GN02S022/252	T4298	8* 150# RFWN STD BORE	25JUL88

----- HEAT NUMBER=459X -----

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	DATE LOCATED
107	EGFH020	459X	3* 1500# LAP JOINT FLG	14JUL88

----- HEAT NUMBER=64C -----

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	DATE LOCATED
108	EGFH004	64C	3/4* 150# LAP JOINT FLG	12JUL88
109	EGFH009	64C	3/4* 150# LAP JOINT FLG	13JUL88
110	EGFH014	64C	3/4* 150# LAP JOINT FLG	18JUL88
111	EGFH029	64C	3/4* 150# LAP JOINT FLG	13JUL88

HEAT NUMBER=83779

OBS	COMPONENT	HEAT CODE	FLANGE DESCRIPTION	DATE LOCATED
112	GN01S003/231	JS	14" 150# RFWN FLG	25JUL88
113	GN01S028/231	JS	14" 150# RFWN FLG	25JUL88
114	GN01S035/231	JS	14" 150# RFWN FLG	25JUL88
115	GN01S035/231-2	JS	14" 150# RFWN FLG	25JUL88
116	GN01S036/231	JS	14" 150# RFWN FLG	25JUL88
117	GN01S036/231-2	JS	14" 150# RFWN FLG	25JUL88
118	GN02S034/231	JS	14" 150# RFWN FLG	25JUL88
119	GN02S044/231	JS	14" 150# RFWN FLG	25JUL88
120	GN02S044/231-2	JS	14" 150# RFWN FLG	25JUL88