0029914
3 of 4

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/18/92	APPROVED FOR CONSTRUCTION		AC		

CADFILE	B120194A	CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN L.C.SANVICTORES	04/08/92

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE – AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER SHELL POUR SPOUT ADAPTER ASSY & PARTS LIST

PROJECT TITLE: HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
1/2	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120194	1	3	0

INITIALS: PN

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QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/18/92	APPROVED FOR CONSTRUCTION		AC	cp	

CADFILE	B120194B	CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/16/92
DESIGN ENGINEER	12/16/92
CHECKED	12/16/92
DRAWN L.C.SANVICTORES	04/08/92

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER SHELL POUR SPOUT ADAPTER WELDMENT & DETAILS

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
SHOWN	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120194	2	3	0

DISTRIBUTION CODE: 403 M33 ACAD

INITIALS: PN
DATE: 12-16-92

Dec 16 22:54:07 1992 P_CAD2 Q:\PLOTS\PAA8796B.PLT

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS
0	12/18/92	APPROVED FOR CONSTRUCTION	

CADFILE B120194C CADCODE 2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/10/92
DESIGN ENGINEER	
CHECKED	
DRAWN L.C.SANVICTORES	4/21/92

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER SHELL POUR SPOUT ADAPTER DETAILS

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE SHOWN	BLDG NO. 1	INDEX NO.

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120194	3	3	0

DISTRIBUTION CODE: 403 M34 ACAD

INITIALS: PN
DATE: 12-16-92

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QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

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REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/18/92	APPROVED FOR CONSTRUCTION			cp	

CADFILE	B120235A	CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN T. SHIRLEY	06/27/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001
MELTER TOP HEAD
PARTS LIST AND NOTES

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
NONE	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120235	1	12	0

DISTRIBUTION CODE: 403 M35 ACAD

INITIALS: PN
DATE: 12-16-92

B
A

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/16/92	APPROVED FOR CONSTRUCTION				

CADFILE	B120235B	CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/16/92
CHECKED	12/16/92
DRAWN T.SHIRLEY	06/26/91

U.S.DEPARTMENT OF ENERGY

Richland Field Office
DE – AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER TOP HEAD ASSEMBLY

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
NONE	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120235	2	12	0

DISTRIBUTION CODE: 403

M36

ACAD

INITIALS: PN
DATE: 12-16-92

Dec 16 18:35:51 1992 P CAD1 P:\PLOTS\PAAR7814.PLT

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS
0	12/16/92	APPROVED FOR CONSTRUCTION	

CADFILE B120235C CADCODE 2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN T. SHIRLEY	06/27/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER TOP HEAD COOLING JACKET

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
SHOWN	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120235	3	12	0

DISTRIBUTION CODE: 403 M37 ACAD

INITIALS: PN
DATE: 12-16-92

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/18/92	APPROVED FOR CONSTRUCTION				

CADFILE	B120235D	CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN T. SHIRLEY	07/1/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER TOP HEAD LIFTING LUGS

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
1/4	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120235	4	12	0

DISTRIBUTION CODE: 403 M38 ACAD

INITIALS: PN
DATE: 12-16-92

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS
0	12/16/92	APPROVED FOR CONSTRUCTION	

CADFILE B120235E | CADCODE 2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/16/92
CHECKED	12/16/92
DRAWN T. SHIRLEY	7/1/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
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FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001
MELTER TOP HEAD
NOZZLES-E,G1,G6,G10

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE 1/2	BLDG NO. 1	INDEX NO.

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120235	5	12	0

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DISTRIBUTION CODE: 403 M39 ACAD

INITIALS: TS
DATE: 12/16/92

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/18/92	APPROVED FOR CONSTRUCTION				

CADFILE	B120235F	CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR C. Wilson	12/18/92
DESIGN ENGINEER G. Russell	12/18/92
CHECKED L. Verhoeven	12/18/92
DRAWN T. SHIRLEY	7/1/91

U.S.DEPARTMENT OF ENERGY
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DE – AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER TOP HEAD NOZZLES F1,F6,G18

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE 1/2	BLDG NO. 1	INDEX NO.

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120235	6	12	0

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DISTRIBUTION CODE: 403 **M40** ACAD

INITIALS: PN
DATE: 12-16-92

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/18/92	APPROVED FOR CONSTRUCTION				

CADFILE	B120235G	CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR C. Wilson	12/18/92
DESIGN ENGINEER G. Russell	12/18/92
CHECKED J. Hubbard	12/18/92
DRAWN T. SHIRLEY	7/3/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE – AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER TOP HEAD NOZZLES-PLAN VIEW

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
SHOWN	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120235	7	12	0

DISTRIBUTION CODE: 403 **M41** ACAD

INITIALS: TS
DATE: 12/16/92

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/18/92	APPROVED FOR CONSTRUCTION	2L	aR	cp	

B

CADFILE	B120235H
CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR C. Nelson	12/18/92
DESIGN ENGINEER C. Russell	12/18/92
CHECKED J. Hartland	12/18/92
DRAWN T. SHIRLEY	7/1/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE – AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER TOP HEAD NOZZLES-SECTIONS

A

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE 1/2	BLDG NO. 1	INDEX NO.

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120235	8	12	0

2 1

AFC 77 78 79 80

DISTRIBUTION CODE: 403

M42

ACAD

INITIALS: PN
DATE: 12-16-92

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS
0	12/18/92	APPROVED FOR CONSTRUCTION	

CADFILE B120235J CADCODE 2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	11/18/92
CHECKED	12/18/92
DRAWN T. SHIRLEY	03/11/92

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER TOP HEAD NOZZLE-A-DETAILS

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
SHOWN	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120235	9	12	0

AFC 7 78 79 80

DISTRIBUTION CODE: 403 M43 ACAD

INITIALS: PN
DATE: 12-16-92

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/18/92	APPROVED FOR CONSTRUCTION				

B

CADFILE	B120235K	CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/9/92
CHECKED	12/18/92
DRAWN T. SHIRLEY	03/11/92

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE – AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER TOP HEAD NOZZLE T-DETAILS

A

PROJECT TITLE		
HANFORD WASTE VITRIFICATION PLANT		
PROJECT B-595	FLUOR CONTRACT NO. 8457	CWBS NO. P06A
SCALE 1/4	BLDG NO. 1	INDEX NO.

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120235	10	12	0

2 1 1

C 379 80

DISTRIBUTION CODE: 403 **M44** ACAD

INITIALS: PN
DATE: 12-16-92

Wed Dec 16 18:48:55 1992 P:\PLOTS\PAA8782B.PLT

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QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS
0	12/18/92	APPROVED FOR CONSTRUCTION	

CADFILE	B120235L	CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN T. SHIRLEY	7/08/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE – AC06–86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME–130–001 MELTER TOP HEAD FEED TUBE SUPPORTS

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B–595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
SHOWN	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H–2–120235	11	12	0

DISTRIBUTION CODE: 403 M45 ACAD

INITIALS: PN
DATE: 12–16–92

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/16/92	APPROVED FOR CONSTRUCTION				

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CADFILE	B120235M
CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN T. SHIRLEY	8/12/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER TOP HEAD FEEDTUBE SUPPORT DETAILS

A

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
SHOWN	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120235	12	12	0

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C 8 79 80

DISTRIBUTION CODE: 403 **M46** ACAD

INITIALS: PN
DATE: 12-16-92

Wed Dec 16 18:53:19 1992 P CAD1 P:\PLOTS\PAA87822.PLT

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/18/92	APPROVED FOR CONSTRUCTION	JE	AR	CJW	

CADFILE	B120236A	CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV. _____ DATE _____
ERO. _____

SIGNATURE	DATE
PROJ. DIR.	
Q.A. MGR.	
INDEPENDENT SAFETY MGR.	
PROJECT MGR.	
SYSTEMS MGR.	
ENGINEERING MGR.	
SUPERVISOR C Nivon	12/18/92
DESIGN ENGINEER G Russell	12/18/92
CHECKED D Hartbrand	12/18/92
DRAWN T.SHIRLEY	08/13/91

U.S.DEPARTMENT OF ENERGY

Richland Field Office
DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER SHELL PARTS LIST & NOTES

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE: NONE	BLDG. NO.: 1	INDEX NO.

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV.
NONE	NOT REQD	H-2-120236	1	23	0

DISTRIBUTION CODE: 403 M47 ACAD

INITIALS: PN
DATE: 12-16-92

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS
0	12/16/92	APPROVED FOR CONSTRUCTION	JL AC CPW

CADFILE B120236B CADCODE 2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN T.SHIRLEY	08/27/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE – AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER SHELL PLAN VIEW

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
SHOWN	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120236	2	23	0

DISTRIBUTION CODE: 403 M48 ACAD

INITIALS: PN
DATE: 12-16-92

Thu Dec 17 07:37:09 1992 P_CAD2 Q:\PLOTS\PAA87027.PLT

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/18/92	APPROVED FOR CONSTRUCTION	RL	AC	GW	

CADFILE	B120236C	CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR C. Wilson	12/18/92
DESIGN ENGINEER T. Shirley	12/18/92
CHECKED R. Herbrand	12/18/92
DRAWN T.SHIRLEY	08/15/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER SHELL SECTIONS

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	OWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
SHOWN	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120236	3	23	0

DISTRIBUTION CODE: 403 M49 ACAD

INITIALS: PN
DATE: 12-16-92

Wed Dec 16 18:59:54 1992 P:CAD1 P:\PLOTS\PAA87825.PLT

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS
0	12/18/92	APPROVED FOR CONSTRUCTION	

CADFILE B120236D CADCODE 2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN T.SHIRLEY	09/03/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001
MELTER SHELL
BOTTOM VIEW

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
SHOWN	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120236	4	23	0

DISTRIBUTION CODE: 403 M50 ACAD

INITIALS: PN
DATE: 12-16-92

Tue Dec 16 19:02:08 1992 P:\PLOTS\PAAR7826.PLT

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS
0	12/16/92	APPROVED FOR CONSTRUCTION	

CADFILE B120236E CADCODE 2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN T.SHIRLEY	08/29/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001
MELTER SHELL
ELECTRODE NOZZLE SECTION

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
SHOWN	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120236	5	23	0

DISTRIBUTION CODE: 403 M51 ACAD

INITIALS: PN
DATE: 12-16-92

Dec 16 1992 21:18 P:\PLOTS\PAAR7827.PLT

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS
0	12/18/92	APPROVED FOR CONSTRUCTION	

CADFILE B120236F CADCODE 2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	11/13/92
CHECKED	12/18/92
DRAWN T.SHIRLEY	08/13/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER SHELL DOME HTR NOZZLE DETAILS

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
1/8	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120236	6	23	0

DISTRIBUTION CODE: 403 M52 ACAD

INITIALS: PN
DATE: 12-16-92

Wed Dec 16 23:35:21 1992 P_CAD2 Q:\PLOTS\PAA87977.PLT

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS
0	12/18/92	APPROVED FOR CONSTRUCTION	

CADFILE B120236G CADCODE 2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV. _____ DATE _____
ERO. _____

SIGNATURE	DATE
PROJ. DIR.	
Q.A. MGR.	
INDEPENDENT SAFETY MGR.	
PROJECT MGR.	
SYSTEMS MGR.	
ENGINEERING MGR.	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/17/92
CHECKED	12/18/92
DRAWN T.SHIRLEY	08/16/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER SHELL DOME HTR NOZZLE DETAILS

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG. NO.	INDEX NO.
SHOWN	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV.
NONE	NOT REQD	H-2-120236	7	23	0

F C 78 79 80

DISTRIBUTION CODE: 403 M53 ACAD

INITIALS: PN
DATE: 12-16-92

QUALITY LEVEL 1
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/18/92	APPROVED FOR CONSTRUCTION	DK	GL	GW	

CADFILE B120236H CADCODE 2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR C. Wilson	12/18/92
DESIGN ENGINEER G. Russell	12/16/92
CHECKED K. Hanhrand	12/18/92
DRAWN T.SHIRLEY	08/16/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE – AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER SHELL COOLING JACKET LAYOUT

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
NONE	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120236	8	23	0

DISTRIBUTION CODE: 403 M54 ACAD

INITIALS: PN
DATE: 12-16-92

Wed Dec 16 23:48:42 1992 P_CAD2 Q:\PLOTS\PAA87979.PLT

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS
0	12/18/92	APPROVED FOR CONSTRUCTION	

CADFILE B120236J CADCODE 2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN T.SHIRLEY	08/19/91

U.S.DEPARTMENT OF ENERGY

Richland Field Office
DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER SHELL COOLING JACKET SECTIONS

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
NONE	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120236	9	23	0

DISTRIBUTION CODE: 403 M55 ACAD

INITIALS: PN
DATE: 12-16-92

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QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/18/92	APPROVED FOR CONSTRUCTION	JE	AR	CP	

CADFILE	B120236K	CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR C. Nivoma	12/18/92
DESIGN ENGINEER G. Russell	12/18/92
CHECKED J. Herbrand	12/18/92
DRAWN T.SHIRLEY	08/19/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER SHELL COOLING JACKET

PROJECT TITLE: HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
1/2	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120236	10	23	0

DISTRIBUTION CODE: 403 M56 ACAD

INITIALS: PN
DATE: 12-16-92

Wed Dec 16 23:45:27 1992 P_CAD2 Q:\PLOTS\PAA87981.PLT

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/18/92	APPROVED FOR CONSTRUCTION				

B

CADFILE	B120236L
CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE

REV _____ DATE _____

ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN T.SHIRLEY	08/13/91

U.S.DEPARTMENT OF ENERGY

Richland Field Office

DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001
MELTER SHELL
JACKET MANIFOLD OUTLETS

A

PROJECT TITLE

HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
1/2	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120236	11	23	0

2 1 1

AFC 7 78 79 80

DISTRIBUTION CODE: 403

M57

ACAD

INITIALS: PN

DATE: 12-16-92

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/18/92	APPROVED FOR CONSTRUCTION		AC	GW	

CADFILE	B120236M	CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN T.SHIRLEY	08/29/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE – AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER SHELL RISER SECTION

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
SHOWN	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120236	12	23	0

DISTRIBUTION CODE: 403 M58 ACAD

INITIALS: PN
DATE: 12-16-92

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QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS
0	12/18/92	APPROVED FOR CONSTRUCTION	AC GW

CADFILE B120236N CADCODE 2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN T.SHIRLEY	08/30/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE – AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001
MELTER SHELL
POUR SPOUT JACKET

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	OWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
SHOWN	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120236	13	23	0

DISTRIBUTION CODE: 403 M59 ACAD

INITIALS: PN
DATE: 12-16-92

Wed Dec 16 23:53:06 1992 P_CAD2 Q:\PLOTS\PAA87984.PLT

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/18/92	APPROVED FOR CONSTRUCTION	JL	AC	GW	

CADFILE B120236P CADCODE 2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN T.SHIRLEY	08/30/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001
MELTER SHELL
RISER END

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
SHOWN	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120236	14	23	0

DISTRIBUTION CODE: 403 M60 ACAD INITIALS: PN DATE: 12-16-92

Wed Dec 16 19:28:11 1992 P CAD1 P:\PLOTS\PAA87836.PLT

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS
0	12/18/92	APPROVED FOR CONSTRUCTION	JC AC gw

CADFILE B120236R | CADCODE 2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN T.SHIRLEY	08/20/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001
MELTER SHELL
RISER END SECTIONS

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
SHOWN	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120236	15	23	0

DISTRIBUTION CODE: 403 M61 ACAD

INITIALS: PN
DATE: 12-16-92

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QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/18/92	APPROVED FOR CONSTRUCTION				

B

CADFILE	B120236S	CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN T.SHIRLEY	08/20/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE – AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001
MELTER SHELL
RISER PAD DETAILS

A

PROJECT TITLE		
HANFORD WASTE VITRIFICATION PLANT		
PROJECT B-595	FLUOR CONTRACT NO. 8457	CWBS NO. P06A
SCALE SHOWN	BLDG NO. 1	INDEX NO.

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120236	16	23	0

2 1

DISTRIBUTION CODE: 403 **M62** ACAD

INITIALS: PN
DATE: 12-16-92

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Wed Dec 16 19:32:33 1992 P CAD1 P:\PLOTS\PAA87838.PLT

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/18/92	APPROVED FOR CONSTRUCTION		AC	CJW	

CADFILE	B120236T	CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR C Wilson	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN T.SHIRLEY	08/21/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER SHELL RISER JACKET

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
SHOWN	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120236	17	23	0

DISTRIBUTION CODE: 403 **M63** ACAD

INITIALS: PN
DATE: 12-16-92

Wed Dec 16 19:34:38 1992 P_CAD1 P:\PLOTS\PAA87839.PLT

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/18/92	APPROVED FOR CONSTRUCTION		AC		

CADFILE	B120236U	CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN T.SHIRLEY	09/04/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER SHELL RISER DETAILS

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
SHOWN	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120236	18	23	0

DISTRIBUTION CODE: 403 **M64** ACAD

INITIALS: PN
DATE: 12-16-92

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/18/92	APPROVED FOR CONSTRUCTION		AC	cjo	

B

CADFILE	B120236V	CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE

REV _____ DATE _____

ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN T.SHIRLEY	09/09/91

U.S.DEPARTMENT OF ENERGY

Richland Field Office

DE – AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001
MELTER SHELL
RISER JACKET PIPING

A

PROJECT TITLE: HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE 1/6	BLDG NO. 1	INDEX NO.

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120236	19	23	0

2 1

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DISTRIBUTION CODE: 403 **M65** ACAD

INITIALS: PN
DATE: 12-16-92

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/18/92	APPROVED FOR CONSTRUCTION		AC	CW	

CADFILE	B120236W	CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR C J Wilson	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN T.SHIRLEY	08/22/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE – AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001
MELTER SHELL
RISER MANIFOLD

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE: SHOWN	BLDG NO.: 1	INDEX NO.

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120236	20	23	0

DISTRIBUTION CODE: 403 M66 ACAD

INITIALS: PN
DATE: 12-16-92

C 3 79 80

Thu Dec 17 08:09:33 1992 P_CAD2 Q:\PLOTS\PAA87991.PLT

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS
0	12/18/92	APPROVED FOR CONSTRUCTION	

CADFILE B120236X CADCODE 2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/15/92
CHECKED	12/18/92
DRAWN T.SHIRLEY	08/29/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001
MELTER SHELL
BOTTOM JACKET MANIFOLD

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
NONE	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120236	21	23	0

DISTRIBUTION CODE: 403 M67 ACAD

INITIALS: PN
DATE: 12-16-92

Thu Dec 17 88:11:46 1992 P_CAD2 Q:\PLOTS\PAA87992.PLT

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS
0	12/18/92	APPROVED FOR CONSTRUCTION	

CADFILE B120236Y CADCODE 2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN T.SHIRLEY	09/10/91

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DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001 MELTER SHELL NOZZLE N SECTIONS

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
SHOWN	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120236	22	23	0

DISTRIBUTION CODE: 403 M68 ACAD

INITIALS: PN
DATE: 12-16-92

Thu Dec 17 08:14:54 1992 P_CAD2 Q:\P!OTS\PAA87993.PLT

QUALITY LEVEL 1
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/18/92	APPROVED FOR CONSTRUCTION				

CADFILE	B120236Z	CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/15/92
DESIGN ENGINEER	12/15/92
CHECKED	12/15/92
DRAWN T.SHIRLEY	09/10/91

U.S.DEPARTMENT OF ENERGY
Richland Field Office
DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

ME-130-001
MELTER SHELL
DRAIN VALVE SUPPORTS

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE SHOWN	BLDG NO. 1	INDEX NO.

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120236	23	23	0

FC 78 79 80

DISTRIBUTION CODE: 403 **M69** ACAD

INITIALS: PN
DATE: 12-16-92

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS
0	12/18/92	APPROVED FOR CONSTRUCTION	

CADFILE B120237A CADCODE 2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/11/92
CHECKED	12/19/92
DRAWN E. GARCIA	03/17/92

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FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

MECHANICAL MELTER VESSEL ASSEMBLY DIMENSIONAL RECORD

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE 1/16	BLDG NO. 1	INDEX NO.

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120237	1	6	0

DISTRIBUTION CODE: 402 M70 ACAD INITIALS: PN DATE: 12-16-92

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/16/92	APPROVED FOR CONSTRUCTION				

B

CADFILE	B120237B	CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN R.MOREL	05/07/92

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FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

MECHANICAL MELTER VESSEL ASSEMBLY DIMENSIONAL RECORD

A

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
NONE	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120237	2	6	0

2 1

AFC 77 78 79 80

DISTRIBUTION CODE: 403 **M71** ACAD

INITIALS: TS
DATE: 12/16/92

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS
0	12/18/92	APPROVED FOR CONSTRUCTION	

CADFILE B120237C CADCODE 2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN R.MOREL	05/07/92

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FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

MECHANICAL MELTER VESSEL ASSEMBLY DIMENSIONAL RECORD

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE NONE	BLDG NO. 1	INDEX NO.

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120237	3	6	0

DISTRIBUTION CODE: 403 M72 ACAD

INITIALS: PN
DATE: 12-16-92

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QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS			
0	12/18/92	APPROVED FOR CONSTRUCTION	DL	GR	CPD	

CADFILE	B120237D	CADCODE	2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/15/92
DESIGN ENGINEER	12/15/92
CHECKED	12/16/92
DRAWN E. GARCIA	03/17/92

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DE – AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

MECHANICAL MELTER VESSEL ASSEMBLY DIMENSIONAL RECORD

PROJECT TITLE		
HANFORD WASTE VITRIFICATION PLANT		
PROJECT B-595	FLUOR CONTRACT NO. 8457	CWBS NO. P06A
SCALE NONE	BLDG NO. 1	INDEX NO.

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120237	4	6	0

FC 78 79 80

DISTRIBUTION CODE: 403

M73

ACAD

INITIALS: PN
DATE: 12-16-92

QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS
0	12/18/92	APPROVED FOR CONSTRUCTION	

CADFILE B120237E CADCODE 2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	12/18/92
CHECKED	12/18/92
DRAWN C.SALVADOR	05/08/92

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DE - AC06-86RL10838

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

MECHANICAL MELTER VESSEL ASSEMBLY DIMENSIONAL RECORD

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
NONE	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120237	5	6	0

DISTRIBUTION CODE: 403 M74 ACAD

INITIALS: PN
DATE: 12-16-92

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QUALITY LEVEL I
SAFETY CLASS 3

DEC 23 1992

REV NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS
0	12/18/92	APPROVED FOR CONSTRUCTION	

CADFILE B120237F CADCODE 2B:IBM:ACD2:10.C2:SS

ENGINEERING RELEASE
REV _____ DATE _____
ERO _____

SIGNATURE	DATE
PROJ DIR	
QA MGR	
INDEPENDENT SAFETY MGR	
PROJECT MGR	
SYSTEMS MGR	
ENGINEERING MGR	
SUPERVISOR	12/18/92
DESIGN ENGINEER	
CHECKED	12/18/92
DRAWN C.SALVADOR	05/08/92

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FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

MECHANICAL MELTER VESSEL ASSEMBLY DIMENSIONAL RECORD

PROJECT TITLE
HANFORD WASTE VITRIFICATION PLANT

PROJECT	FLUOR CONTRACT NO.	CWBS NO.
B-595	8457	P06A
SCALE	BLDG NO.	INDEX NO.
NONE	1	

CLASSIFICATION	BY	DRAWING NUMBER	SHEET	OF	REV
NONE	NOT REQD	H-2-120237	6	6	0

DISTRIBUTION CODE: 403 M75 ACAD

INITIALS: PN
DATE: 12-16-92

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