

Specimen ID	Geometry	Material		Dimensions			Flaws		Reports	Notes
		Base	Welded	L (in)	W/DO (in)	T (in)	Total#	Types		
9C-051	Pipe	CS			12	1.031	13	Fabrication Flaws (LOF, CRK, IP, POR, SLG)	PNNL-24232 (NUREG/CR-7204)	UT-RT pipe from LMT
PQ-31-DM-06	Pipe Segment	SS/CS								NorthAnna mock-up specimen
PQ-31-DM-10	Pipe Segment	SS/CS								NorthAnna mock-up specimen
106-IP	Plate	SS		14	4	0.6				
100.0 200	Plate	SS		16	4	0.63				
2289-0-C108	Plate	SS		10	4	0.6				
2289-9-C102	Plate	SS		12	4	0.6				
2289-9-C111	Plate	SS		12.1	4	0.6				
2289-9-C112	Plate	SS		12	15.75	0.6				
2289-9-C113	Plate	SS		12	4	0.6				
2289-9-C114	Plate	SS		12	3.9	0.56				
Bathelie 6249	Plate	SS		6.7	3.9	0.65				
CRDM #10 (split/fetched)	CRDM	Inconel		---	---	---				split axially, 1 side etched
CRDM #3	CRDM	Inconel		---	---	---				
CRDM #5 (exl)	CRDM	Inconel		---	---	---				
CRDM #6	CRDM	Inconel		---	---	---				
CRDM #9	CRDM	Inconel		---	---	---				
F87146	Plate	SS		17.1	11.6	0.67				
N10 S300 P10	Plate	Al		8	4	1				
P20 S300 N20	Plate	Al		8	4	1				
P35 S300 N35	Plate	Al		8	3.75	1				
P5 S300 N5	Plate	Al		7.87	4	1.06				
S100 S050	Plate	Al		8	4	0.75				
S500 S400	Plate	Al		8	4	0.75				
UT-RES-45-LAT-AL	Plate	Al		8.5	6.75	3				
	Plate	Al		10	4	0.5				
	Plate	CS		8.81	6.16	2.9				
Peening Plates (x3)	Plate	SS								x3
14C-146 "Beast"	Pipe	SS	CS	36	36	3.3				DMW
14C-148	Pipe	304 SS	304 SS	36.81	24.02	0.5	4	TTC		304SS, single V with crown, flaws at toe
AAD-1	Pipe Segment	SS		36	36				NUREG/CR-6929	
AAD-3	Pipe Segment	304 CCS	---	11.30	36	3.31	0	---	PNNL-11171 (NUREG/CR-6594)	PNNL-23393 ("SwR" in NUREG/CR-6594)
B-505	Pipe Segment	A351 CF8A (C)	A351 CF8A (E)	15.75	33.26	2.28	11	Notch, SDH	PNNL-11171 (NUREG/CR-6594)	PNNL-16292 (NUREG/CR-6933) Calibration Block
B-519	Pipe Segment	A351 CF8A (C)	A351 CF8A (E)	15.91	33.26	2.28	1	TTC	PNNL-23393	PNNL-16292 (NUREG/CR-6933)
CS ring cut of 14C-146	Pipe	---	---	36	36					
cut scrap from 14C-146	Pipe Segment	CS	---	36	36					
III SW CASS Ring	Pipe Segment	CCSS	---	6	36	3.3	0	---	PNNL-16292 (NUREG/CR-6933)	PNNL-16253 (NUREG/CR-6929)
Manoir-B (Ca/Res)	Pipe Segment	---	---	8.54	36	2.95	32	Notches, FBHs, SDHs	PNNL-16292 (NUREG/CR-6933)	PNNL-16253 (NUREG/CR-6929)
Windtunnel Ring	Pipe Segment	CCSS	---	10	28	2.5	0	---	PNNL-16292 (NUREG/CR-6933)	PNNL-16253 (NUREG/CR-6929)
WSS cal	Roller Plate	WSS	---	36	2.5			Notches, SDHs		cal and resolution machined reflectors late 60s/med 70s
Aaron ship	DMW Pipe	SS/CS		147	27					calibration notches and SDHs (PHTool)
joint blocks x3	Plate									DMW specimen, ID clad
ONP-D-2	Nozzle-SafeEnd-Pipe	CS/WSS	CCSS	24.25	36	2.9	1	TTC	PNNL-16292 (NUREG/CR-6933)	PNNL-16253 (NUREG/CR-6929)
ONP-D-5	Nozzle-SafeEnd-Pipe	CS/WSS	CCSS	24.25	36	2.9	1	MFC	PNNL-16292 (NUREG/CR-6933)	PNNL-16253 (NUREG/CR-6929)
OPF-5	Pipe-Elbow	SCSS	CCSS	20.5	36	2.8	1	TTC	PNNL-16292 (NUREG/CR-6933)	PNNL-16253 (NUREG/CR-6929)
"1A-406"	Pipe Segment	---	---	36	36					x3, with filling hooks
AI block	Pipe Segment	Al		36	36					Two different IDs
B-504	Pipe Segment	A351 CF8A (E)	A351 CF8A (C)	15.91	33.26	2.3	1	TTC	PNNL-16292 (NUREG/CR-6933)	
B-615	Pipe Segment	Clad CS	Clad CS		36	2.67	0	---		
HT-02291A	Pipe Segment	---	---	36	36					
INE-A-1	Nozzle-SafeEnd-Elbow	CS/WSS	SCSS	24	36	2.9	1	MFC	PNNL-16292 (NUREG/CR-6933)	PNNL-16253 (NUREG/CR-6929)
INE-A-4	Nozzle-SafeEnd-Elbow	CS/WSS	SCSS	24	36	2.9	1	TTC	PNNL-16292 (NUREG/CR-6933)	PNNL-16253 (NUREG/CR-6929)
ONP-1-8	Nozzle-SafeEnd-Pipe	CS/WSS	CCSS	24.25	36	2.8	1	MFC	PNNL-16292 (NUREG/CR-6933)	PNNL-16253 (NUREG/CR-6929)
UT-13	Pipe Segment	SS								cal block
"M. Good 6/18/93"	Plate	Copper	---				0	---	---	High-purity copper plate
196-202	Plate									
4-pieces taped together	Pipe Segment						0			Cuboid with flame cut out from block. 4 pieces are what remains
B-518	Pipe Segment	SS			33.26		777			
S300	Plate									
W-1	Pipe Segment	Ferritic						TTC		
W-2	Pipe Segment	Ferritic						TTC		
W-3	Pipe Segment	Ferritic						TTC		
	Pipe Segment				36					Looks similar to a B-specimen
	Plate									
	Plate									
2.29.84 EH	Plate									
B-2289-1101 B	Plate									
Coupon #1	Plate									
Coupon #10	Plate									
Coupon #2	Plate									
Coupon #3	Plate									
Coupon #6	Plate									hole pattern
Coupon #8	Plate									
Coupon #9	Plate									
PS40B	Plate									
ring exgment	Pipe Segment									
UT-RPT-CIRC-1	Repeatability Block	CS	---	7.75	7	2.5	4	Machined Notches	NUREG/CR-5985 Sup.1	
UT-RPT-CIRC-AL	Repeatability Block	Al	---	7.75	7	2.5	3	Machined Notches		
welded plate	Plate									
	Plate									
	Plate	Al								angled holes
	Plate									SDHs
"Taylor"	Pipe Segment									welded-on frame for raised plate, top-surf holes/notches
B-508	Pipe Segment	A351 CF8A (E)	A351 CF8A (C)	15.88	33.26	2.27	1	TTC	PNNL-16292 (NUREG/CR-6933)	Looks similar to a B-specimen
B-509	Pipe Segment	SS		15.75	33.26	2.34	1			
B-513	Pipe Segment	SS		15.75	33.26	2.35	1			
B-520	Pipe Segment	A351 CF8A (C)	A351 CF8A (E)	15.88	33.26	2.27	1	TTC	PNNL-16292 (NUREG/CR-6933)	
B-549	Pipe Segment	SS			33.26		777			
carbon plate	Plate									
E3-83	Pipe	SS								4 welds
INE-A-5	Nozzle-SafeEnd-Elbow	CS/WSS	SCSS	25	36	2.9	1	MFC	PNNL-16292 (NUREG/CR-6933)	PNNL-16253 (NUREG/CR-6929)
welded segment	Pipe Segment									
	Plate									
522	Pipe Segment				36					
"Taylor"	Plate	CS								
	Pipe Segment	SS			36					Looks similar to a B-specimen
(Y-pattern Test Block)	Test Block	Al	---				7	FBH	NUREG/CR-5985	NUREG/CR-5985 Sup.1
6-82	Plate									
7C-033	Plate	Alloy 600	Alloy 600	26	5	3	1	TTC	PNNL-14561 (NUREG/CR-7159)	double-V weld
7C-034	Plate	Alloy 600	Alloy 600	26	5	3.013	1	TTC	PNNL-14561 (NUREG/CR-7159)	double-V weld
7C-035	Plate	Alloy 600	Alloy 600	26	5	3.007	1	TTC	PNNL-14561 (NUREG/CR-7159)	double-V weld
7C-036	Plate	Alloy 600	Alloy 600	26	5	3	1	Notch	PNNL-14561 (NUREG/CR-7159)	double-V weld
7C-050	Plate	Alloy 600	Alloy 600	26	5	3.008	1	Notch	PNNL-14561 (NUREG/CR-7159)	double-V weld
18 2289	Plate									Calibration for single wire clad blocks
cylinder	Bar									
DGRP 40605	Plate	SS								Weld #12, DW1
Dogbones x3	Plate									
etched piece	Plate	SS								
Heavy Duty Engraving Tool Test	Plate	CS								
PB-A	Plate									
plate	Plate									
UT-RES-4560-2	Cal Block	CS							NUREG/CR-5985 Sup.1	
welded strip	Pipe Segment									long and thin
	Plate	Al								FBHs
	Pipe Segment									
	Pipe Segment									
	Pipe Segment	CS			36					
01N	Pipe Segment				36					
Assorted Small Metal										
B-609 (ENST)	Pipe Segment	Clad Ferritic	Clad Ferritic	36	2.40	0	---	NUREG/CR-5068		Deconstructively Analyzed (1/2 Specimen)
B-609 (UPST)	Pipe Segment	Clad Ferritic	Clad Ferritic	36	2.40	0	---	NUREG/CR-5068		Deconstructively Analyzed (1/2 Specimen)
PSHCID	Plate		PWR							
T250 1	Plate									
"BNW"	Plate	SS								mirror-image letters drilled
#1 20%	Pipe Segment									
4-pieces taped together	Pipe Segment									Cuboid with flow cut out from block. 4 pieces are what remains
B-502	Pipe Segment	SS		15.75	33.26	2.36	1			
bar & plates										
South Top / South Bottom	Pipe									q4
Assorted Medium Metal										
NINEMILE POINT (SI)	Pipe Segment	SS								
"1"	Plate	---								
Assorted Small Metal										
M135 ("A135")	Plate	---								
H6517	Pipe									welded to a plate
TTD28262	Pipe Segment									edge pressed for welding
Pipa	Pipe									
2 2045	Pipe									
277-48-4175 SWT-1B	Pipe									"R. Hebebrand U.S. 6/22/82"
	Pipe									edge pressed for welding
"132"	Plate	---								Copper?
"132"	Plate	---								Deconstructively Analyzed (1/2 Specimen)
"140"	Plate	---								Deconstructively Analyzed (1/2 Specimen)
"140"	Plate	---								Deconstructively Analyzed (1/2 Specimen)
"152"	Plate	---								Deconstructively Analyzed (1/2 Specimen)

[illegible]

POP-8	Pump Outlet Nozzle-to-Pipe	SCSS (Nozzle)	CCSS (Pipe)	21	36	3.3/2.6	1	TFC	PNNL-16292 (NUREGCR-6933)	PNNL-16253 (NUREGCR-6929)	PWROG
VT-1B-247	VT Plate							Sensitive Info			
VT-1B-248	VT Plate							Sensitive Info			
VT-1B-251	VT Plate							Sensitive Info			
VT-1B-252	VT Plate							Sensitive Info			
VT-5B-241	VT Plate							Sensitive Info			
VT-5B-242	VT Plate							Sensitive Info			
VT-5B-244	VT Plate							Sensitive Info			
VT-5B-245	VT Plate							Sensitive Info			
02-12-34	Pipe Segment	TP321 Aust.	TP321 Aust.	16	12.75	0.688	3	TFC			Sch. 80
02-12-35	Pipe Segment	TP321 Aust.	TP321 Aust.	18	12.75	0.5	3	TFC			Sch. 80
02-12-36	Pipe Segment	TP321 Aust.	TP321 Aust.	16	12.75	0.688	4	TFC			Sch. 80
02-12-37	Pipe Segment	TP321 Aust.	TP321 Aust.	24	12.75	0.5	4	TFC			Sch. 80
02-24-15 seg3	Pipe Segment	304 SS	304 SS	21.813	24.25	1.42	4	TFC, Saw	PNNL-19353 (NUREG/CR-7113)		
09-169									PNNL-16292 (NUREG/CR-6933)		7
201-758	Pipe-Elbow	A351 CF8M (CCSS)									elbow-to-pipe (Calvert Cliffs)
202-758	Pipe-Elbow	A351 CF8M (CCSS)									elbow-to-pipe (Calvert Cliffs)
79-38379-0	Elbow-Pipe	A351 CF8M(CCSS)					0	---	PNNL-24232 (NUREG/CR-7204)		Calvert Cliffs
7C-019	Plate	304 WSS	304 WSS	18	10	2.03	0	---	PNNL-14561 (NUREG/CR-7159)		double-V weld, weld crown
7C-020	Plate	304 WSS	304 WSS	18	10	2.03	0	---	PNNL-14561 (NUREG/CR-7159)		double-V weld, weld crown
7C-023	Plate	304 WSS	304 WSS	18	10	2.03	2	Notch	PNNL-14561 (NUREG/CR-7159)		double-V weld
7C-026	Plate	304 WSS	304 WSS	18	10	2	3	Notch	PNNL-14561 (NUREG/CR-7159)		double-V weld
7C-027	Plate	304 WSS	304 WSS	18	10	2.04	3	Notch	PNNL-14561 (NUREG/CR-7159)		double-V weld
7C-029	Plate	304 WSS	304 WSS	18	10	2.017	1	TFC	PNNL-14561 (NUREG/CR-7159)		double-V weld
7C-030	Plate	304 WSS	304 WSS	18	10	2.038	2	TFC	PNNL-14561 (NUREG/CR-7159)		double-V weld
7C-031	Plate	304 WSS	304 WSS	18	10	2.038	1	TFC	PNNL-14561 (NUREG/CR-7159)		double-V weld, weld crown
7C-032	Plate	304 WSS	304 WSS	18	10	2.013	1	TFC	PNNL-14561 (NUREG/CR-7159)		double-V weld, weld crown
7C-048	Plate	304 WSS	304 WSS	18	10	2.037	1	TFC	PNNL-14561 (NUREG/CR-7159)		double-V weld, weld crown
96-SS-01	Plate	304 SS		8.5	4.2	0.75	1	TFC			
9C-003	Nozzle-Safe-Pipe	A106B	316/CASS		14	1.406	7	TFC	PNNL-20853		PZR surge nozzle, MSIP
9C-023	Pipe-Nozzle	SS	CS		14.32	1.42	4	TFC	PNNL-19018		DMW Shutdown cooling pipe
9C-034	Pipe-Nozzle	A351 CF8M	516 Gr70	23.92	12.813	1.28	4	TFC	PNNL-19018	PNNL-21502	DMW, FSWGL
D92-A39	Pipe-Elbow	SS									pipe-to-elbow
PNL RDCS	Plate	CS	---	6	4	0.5	3	MFC			PNL 07-343 C/S
PNL RDSS	Plate	SS	---	6	4	0.5	3	MFC			PNL 07-343 S/S
pipe with DE-holes	Pipe	SS	SS			12.5					
pipe with DE-holes	Pipe	SS	SS			12.5					
pipe with DE-holes	Pipe	SS	SS			12.5					
CS Pipe	Pipe	CS									
Assorted specimens											
Assorted RPV Sections	Vessel Wall Section	CS	---								
OTC20	Pipe	SS	---	33	24.5	1.5					
A-106	Pipe Segment	CS	---	49	24	2.5					

Qty	Specimen ID	Geometry	Material		Dimensions			Flaws		Reports		Notes
			Base	Welded	L (in)	W//OD (in)	T (in)	Total#	Types			
x2	HDPE Pipe Material	HDPE Pipe	HDPE	---		12.25		0	---			Raw Material
x18	HDPE Pipe Material	HDPE Pipe	HDPE	---	60	12.5		0	---			Raw Material
x3	SS pipe	Pipe	SS	---	55	14	1.5	0	---			Raw Material
x2	Nozzle		CS	---	16.5	11.25		0	---			Raw Material
x4	BMI	BMI	CS	---	8.5	8.5	3	0	---			Raw Material
x2	RPV sections	Vessel Wall Section	CS	---	21	21	6.25	0	---			Raw Material
	RPV sections	Vessel Wall Section	CS	---	42	21	6.25	0	---			Raw Material
	mounted instrument tube		CS	---				0	---			Raw Material
x10	Assorted RPV Sections	Vessel Wall Section	CS	---				0	---			Raw Material
	Assorted Scrap			---				0	---			Raw Material
x19	Assorted RPV Sections	Vessel Wall Section	CS	---				0	---			Raw Material
	RPV section	Vessel Wall Section	CS	---	84	114	6.5	0	---			Raw Material
	RPV section	Vessel Wall Section	CS	---		117	6.5	0	---			Raw Material
	CS Pipe	Pipe	CS	---	209	24		0	---			Raw Material
x2	Clad CS Pipes	Pipe	CS	---		37	3.5	0	---			Raw Material
x6	CRDMs	CRDM	Inconel	CS	32-45			0	---			Raw Material
x5	CRDM flanges	CRDM	SS	---	23			0	---			Raw Material
x11	CASS Surgeline	Pipe	SS	---	24.75-61	12.5		0	---			Raw Material
x7	CS plates	Plate	CS	---	24	24		0	---			Raw Material
x2	half-pipe ssections	Pipe	CS	---		36		0	---			Raw Material
	Clad Pipe w/ Nozzle	Pipe	CS	---	29.75	37		0	---			Raw Material
	CS Pipe	Pipe	CS	---	88	50	4.5	0	---			Raw Material
	CS Pipe	Pipe	CS	---	88	36	3.5	0	---			Raw Material
x12	RPV sections	Vessel Wall Section	CS	---	48	50	10	0	---			Raw Material
	CS elbow	Pipe	CS	---	88	50	4	0	---			Raw Material
x2	CS Pipe	Pipe	CS	---	77-88	37	3.5	0	---			Raw Material
	upper head penetration		CS	---	50.5	49	10	0	---			Raw Material
x3	SS pipe	Pipe	SS	---	28.5-81	24	1.5	0	---			Raw Material
	SS pipe	Pipe	SS	---	151	14	1.5	0	---			Raw Material
	RPV section	Vessel Wall Section	CS	---	83	158	6	0	---			Raw Material
	RPV section with BMIs		CS	---	72	76	8	0	---			Raw Material
	CS segment		CS	---	52	26	12.5	0	---			Raw Material
x7	Assorted RPV pieces	Vessel Wall Section	CS	---				0	---			Raw Material
x3	CS plates	Plate	CS	---	49-72	48	2	0	---			Raw Material
	7030AC	Plate	SS	---	73	19.5	1	0	---			Raw Material
	CS Pipe	Pipe	CS	---				0	---			Raw Material
	RPV section	Vessel Wall Section	CS	---	61	47	8	0	---			Raw Material