

Figure 1. Overall layout of JP26 experiment.

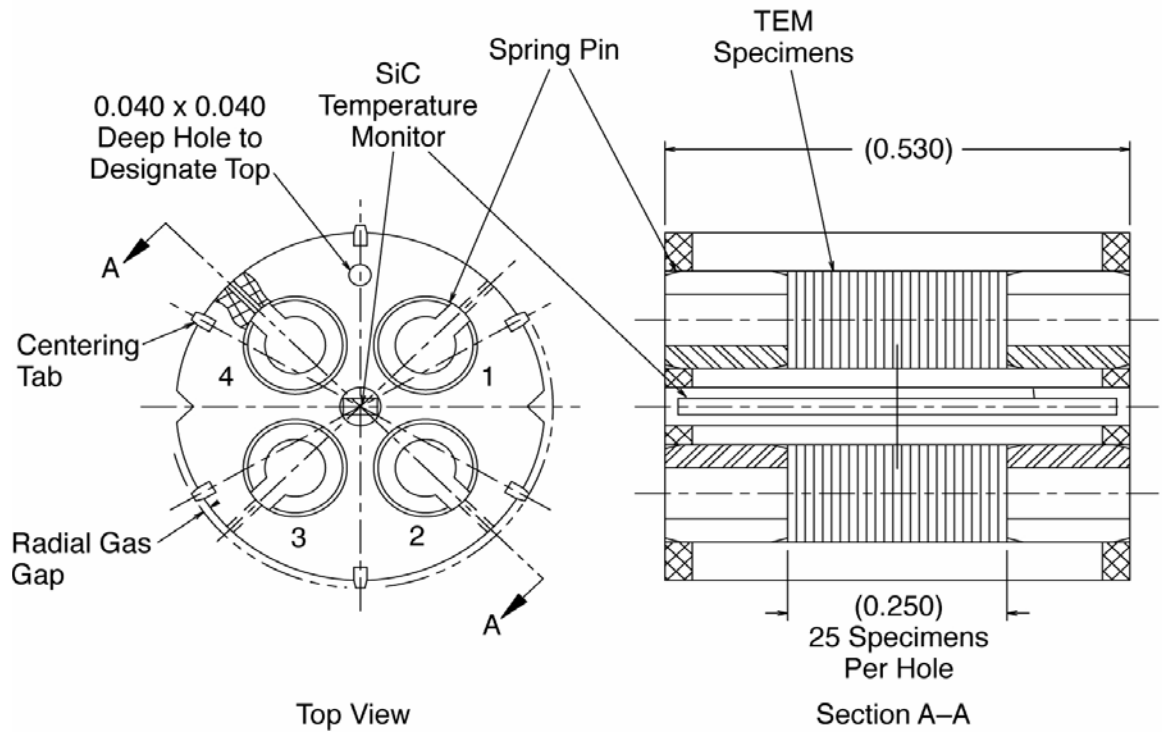


Figure 2. Specimen holder subassembly used in JP-26 for TEM specimens.

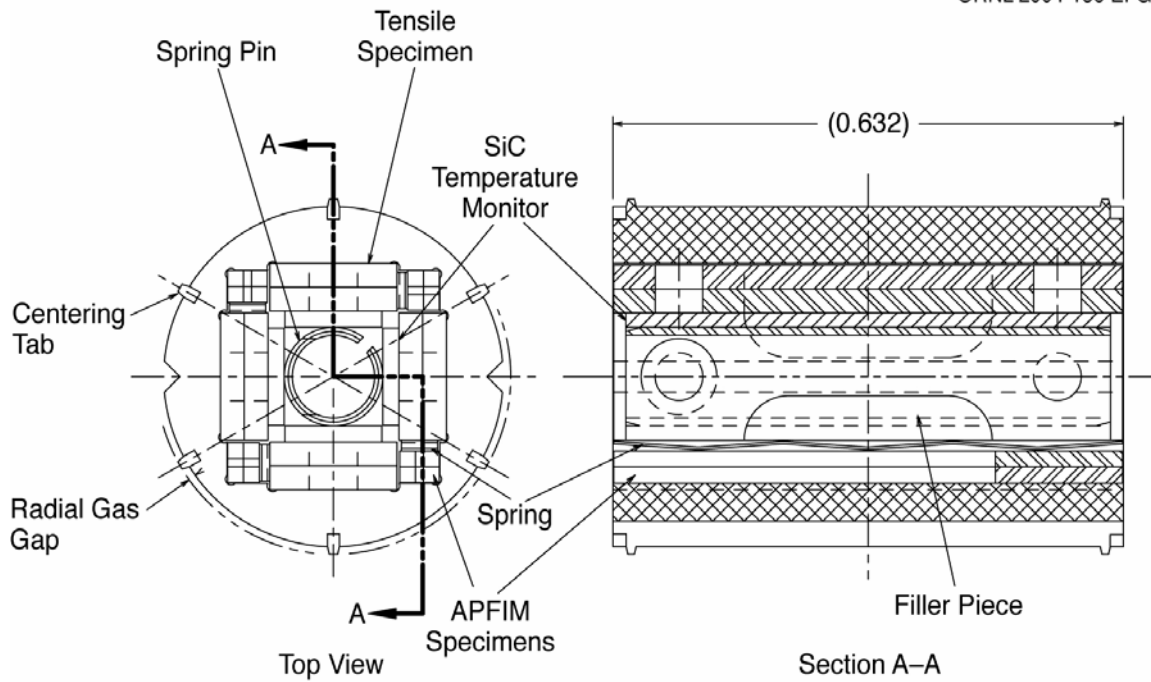


Figure 3. Specimen holder subassembly used in JP-26 for SS-J3 tensile and APFIM specimens

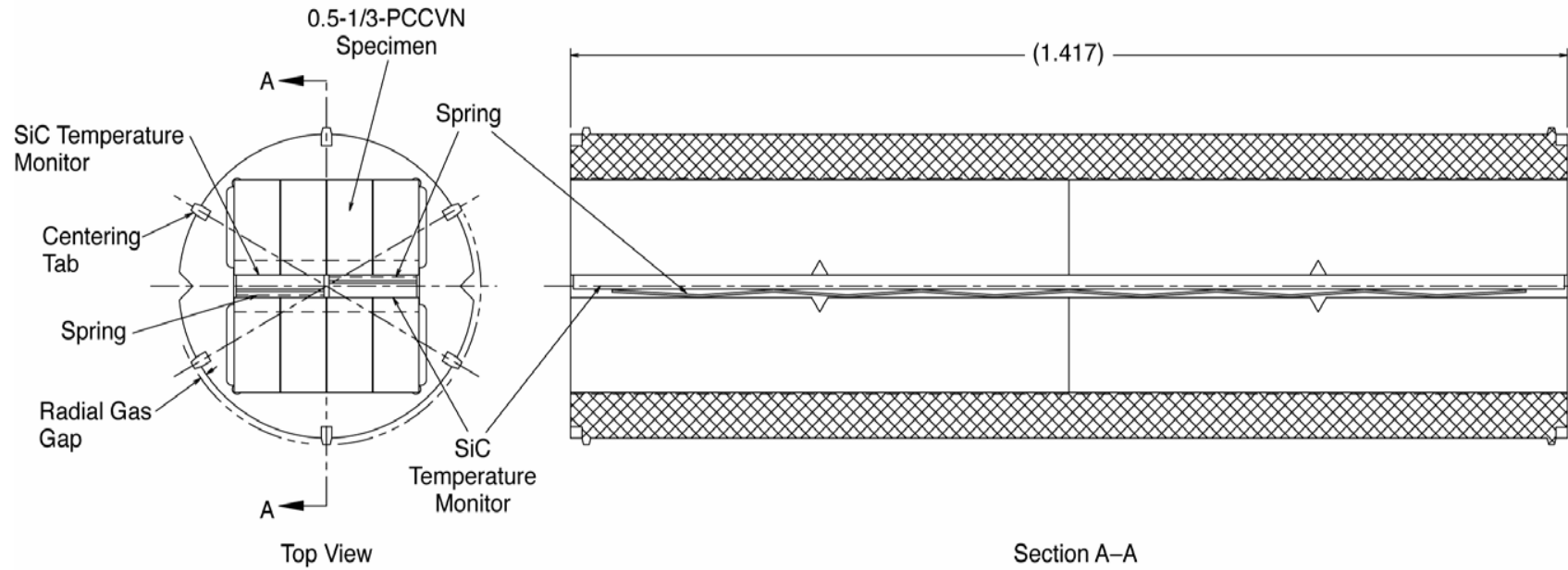


Figure 4. Specimen holder subassembly used in JP-26 for 0.5-1/3-PCCVN specimens

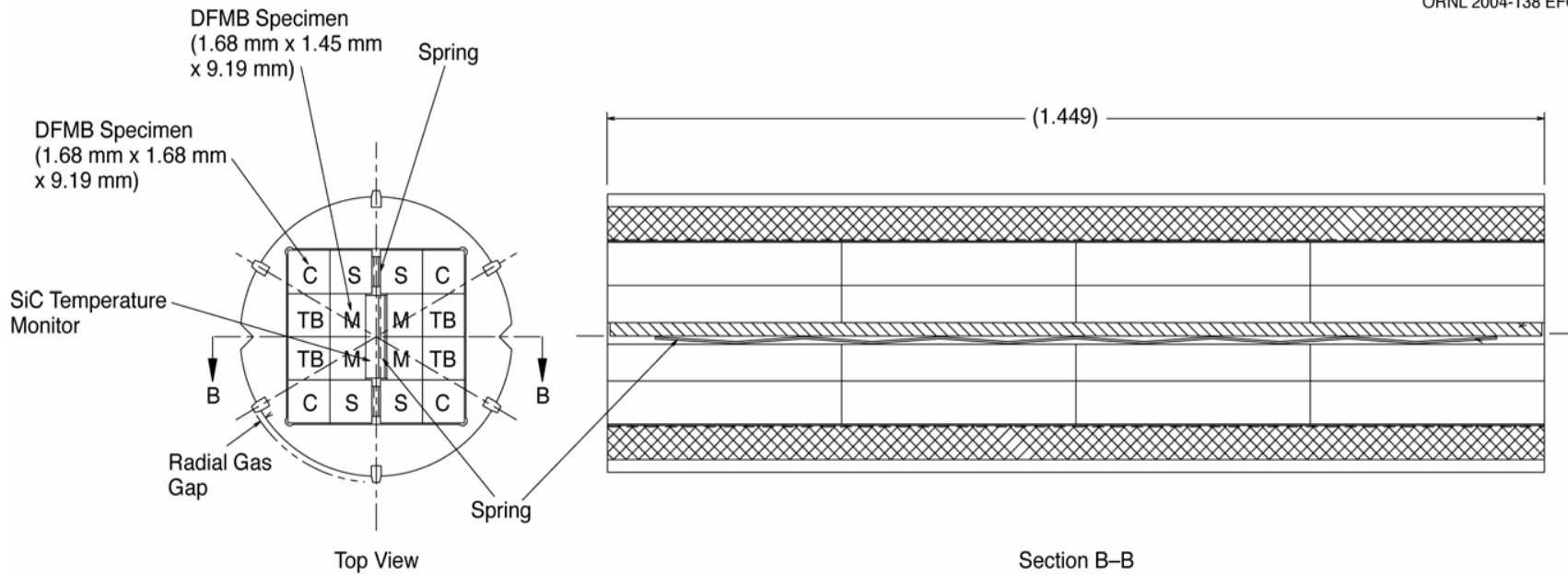


Figure 5. Specimen holder subassembly used in JP-26 for DFMB specimens

Table 1. JP-26 SPECIMEN & DOSIMETRY LOADING LIST

POS. 1 JP-26	TEM Specimen Numbers									Passive Thermometry in Center Hole
	Hole No.1*	Engr. Face	Hole No.2*	Engr. Face	Hole No.3*	Engr. Face	Hole No.4*	Engr. Face		
BOTTOM	1	016	Down	ZR12	Down	ZB10	Up	ZS11	Up	1. Ser. #1
	2	ZA15	Up	ZN13	Up	ZB11	Up	ZQ10	Up	
	3	017	Down	ZR13	Up	ZC10	Up	ZQ11	Up	
	4	ZF16	Up	012	Down	ZC11	Up	ZP18	Up	
	5	H16	Down	ZA12	Up	ZD10	Up	ZP11	Up	
	6	ZF17	Up	013	Down	ZD11	Up	ZR10	Up	
	7	H17	Down	ZF12	Up	ZE10	Up	ZR11	Up	
	8	UN16	Up	H12	Down	ZE11	Up	K10	Up	
	9	R16	Down	ZF13	Up	ZF10	Up	K11	Up	
	10	UN17	Up	H13	Down	ZF11	Up	K12	Up	
	11	R17	Down	UN12	Up	001	Up	K13	Up	
	12	ZH12	Up	R12	Down	011	Up	K14	Up	
	13	ZG12	Down	UN13	Up	H10	Up	M10	Up	
	14	ZH13	Up	R13	Down	H11	Up	M11	Up	
	15	ZG13	Down	ZP08	Up	blank		M12	Up	
	16	ZH14	Up	ZP13	Up	UN11	Up	M13	Up	
	17	ZG14	Down	0150	Down	310	Up	M14	Up	
	18	ZJ12	Up	ZA13	Up	311	Up	N10	Up	
	19	ZS14	Down	H14	Down	R10	Up	N11	Up	
	20	ZJ13	Up	ZA14	Up	R11	Up	N12	Up	
	21	ZS15	Down	H15	Down	ZG10	Up	N13	Up	
	22	ZJ14	Up	ZF14	Up	ZG11	Up	N14	Up	
	23	ZQ12	Down	R14	Down	ZH10	Up	P10	Up	
	24	ZK12	Up	ZF15	Up	ZH11	Up	P11	Up	
	25	ZQ13	Down	R15	Down	ZJ10	Up	P12	Up	
	26	ZK13	Up	015	Up	ZJ11	Up	P13	Up	
	27	ZP16	Down	ZP14	Down	ZK10	Up	P14	Up	
TOP	28	ZK14	Up	UN14	Up	ZK11	Up			
	29	ZP17	Down	ZP01	Down	ZN10	Up			
	30	ZN12	Up	UN15	Up	ZN11	Up			
	31	ZA10	Up	ZA11	Up	ZS10	Up			

ed 1, 2, 3, and 4 clockwise starting from 0.040 dia. hole between 2 holes in top of holder

The spacer between positions number 1 and 2 contains Neutron Dosimeter Number H5

POS. 2 JP-26	SS-J3 Tensile Specimen	APFIM Specimen*	Passive Thermometry
	1. inner N00	1. M02	1. Ser. #1
	2. outer K00	2. M03	
	3. inner N01	3. N02	2. Ser. #2
	4. outer K01	4. N03	
	5. inner P00	5. P02	3. Ser. #3
	6. outer M00	6. P03	
	7. inner P01	7. (JNCX2)	4. Ser. #4
	8. outer M01	8. (JNCX2)	

* Specimen numbers in parentheses are MMPC specimens

POS. 3 JP-26	SS-J3 Tensile Specimen	APFIM Specimen	Passive Thermometry
	1. inner R10	1. ZQ16	1. Ser. #17
	2. outer ZP10	2. ZQ17	
	3. inner R11	3. ZQ22 (notched)	2. Ser. #18
	4. outer ZP11	4. ZQ23 (notched)	
	5. inner ZR10	5. ZR12	3. Ser. #19
	6. outer ZQ10	6. ZR13	
	7. inner ZR11	7. ZP12	4. Ser. #20
8. outer ZQ11	8. ZP13		
Bottom Half	SS-J3 Tensile Specimen	APFIM Specimen*	Passive Thermometry
	9. inner G11	9. N10	5. Ser. #21
	10. outer G10	10. N11	
	11. inner G12	11. ZQ12	6. Ser. #22
	12. outer V11	12. ZQ13	
	13. inner UA02	13. ZQ14	7. Ser. #23
	14. outer W10	14. ZQ15	
	15. inner UA03	15. (JNCX2)	8. Ser. #24
16. outer W11	16. (JNCX2)		

* Specimen numbers in parentheses are MMPC specimens

POS. 4 JP-26	.5-1/3 PCCVN Spec.	Passive Thermometry	
	1. outer 004	1. Ser. #1	2. Ser. #2
	2. inner 005		
	3. inner 006		
	4. outer 007		
	5. outer 008		
	6. inner 009		
	7. inner 00A		
8. outer 00B			
Bottom Half	.5-1/3 PCCVN Spec.		
	9. outer 304		
	10. inner 305		
	11. inner 306		
	12. outer 307		
	13. outer 308		
	14. inner 309		
	15. inner 30A		
16. outer 30B			

POS. 5 JP-26	SS-J3 Tensile Specimen	APFIM Specimen	Passive Thermometry
	Top Half	1. inner 300	1. 00D
2. outer 000		2. 00E	
3. inner 301		3. 30D	2. Ser. #26
4. outer 001		4. 30E	
5. inner 302		5. HOA	3. Ser. #27
6. outer 002		6. HOB	
7. inner 303		7. HOC	4. Ser. #28
8. outer 003		8. HOD	
Bottom Half	SS-J3 Tensile Specimen	APFIM Specimen	Passive Thermometry
	9. inner 600	9. 604	5. Ser. #29
	10. outer 00F	10. 605	
	11. inner 601	11. HOE	6. Ser. #30
	12. outer 00G	12. HOF	
	13. inner 602	13. HOG	7. Ser. #31
	14. outer T00	14. BLANK H & notched	
	15. inner 603	15. BLANK H & notched	8. Ser. #32
16. outer T01	16. BLANK H & notched		

The spacer between positions number 5 and 6 contains Neutron Dosimeter Number **L8**

POS. 6 JP-26	SS-J3 Tensile Specimen	APFIM Specimen	Passive Thermometry
	Top Half	1. inner 610	1. 614
2. outer 310		2. 615	
3. inner 611		3. ZJ10	2. Ser. #34
4. outer 311		4. ZJ11	
5. inner 612		5. ZK10	3. Ser. #35
6. outer 312		6. ZK11	
7. inner 613		7. ZN10	4. Ser. #36
8. outer 313		8. ZN11	
Bottom Half	SS-J3 Tensile Specimen	APFIM Specimen	Passive Thermometry
	9. inner 01E	9. 01C	5. Ser. #37
	10. outer 010	10. 01D	
	11. inner T10	11. 31C	6. Ser. #38
	12. outer 011	12. 31D	
	13. inner T11	13. ZG10	7. Ser. #39
	14. outer 012	14. ZG11	
	15. inner V10	15. ZH10	8. Ser. #40
16. outer 013	16. ZH11		

POS. 7 JP-26	SS-J3 Tensile Specimen	APFIM Specimen	Passive Thermometry
	1. inner V20	1. ZG20	1. Ser. #41
	2. outer G22	2. ZG21	
	3. inner V21	3. ZQ22	2. Ser. #42
	4. outer T21	4. ZQ23	
	5. inner W20	5. ZQ24	3. Ser. #43
	6. outer UA04	6. ZQ25	
	7. inner W21	7. ZQ26	4. Ser. #44
8. outer UA05	8. ZQ27		
Bottom Half	SS-J3 Tensile Specimen	APFIM Specimen	Passive Thermometry
	9. inner 620	9. ZH20	5. Ser. #45
	10. outer 02E	10. ZH21	
	11. inner 621	11. ZJ20	6. Ser. #46
	12. outer 02F	12. ZJ21	
	13. inner 622	13. ZK20	7. Ser. #47
	14. outer 02G	14. ZK21	
	15. inner 623	15. ZN20	8. Ser. #48
16. outer T20	16. ZN21		

POS. 8 JP-26	.5-1/3 PCCVN Spec.	Passive Thermometry	
	1. outer 024	1. Ser. #3	2. Ser. #4
	2. inner 025		
	3. inner 026		
	4. outer 027		
	5. outer 028		
	6. inner 029		
	7. inner 02A		
8. outer 02B			
Bottom Half	.5-1/3 PCCVN Spec		
	9. outer 324		
	10. inner 325		
	11. inner 326		
	12. outer 327		
	13. outer 328		
	14. inner 329		
	15. inner 32A		
16. outer 32B			

The spacer between positions number 8 and 9 contains Neutron Dosimeter Number 97

POS. 9 JP-26	SS-J3 Tensile Specimen	APFIM Specimen*	Passive Thermometry
	1. inner 320	1. 02C	1. Ser. #5
	2. outer 020	2. 02D	
	3. inner 321	3. 32C	2. Ser. #6
	4. outer 021	4. 32D	
	5. inner 322	5. 624	3. Ser. #7
	6. outer 022	6. 625	
	7. inner 323	7. (JNCX2)	4. Ser. #8
8. outer 023	8. (JNCX2)		

* Specimen numbers in parentheses are MMPC specimens

POS. 10 JP-26	TEM Specimen Numbers									Passive Thermometry in Center Hole
		Hole No.1*	Engr. Face	Hole No.2*	Engr. Face	Hole No.3*	Engr. Face	Hole No.4*	Engr. Face	
BOTTOM	1	026	Down	ZR22	Down	ZB20	Up	ZS21	Up	1. Ser. #2
	2	ZA25	Up	ZN23	Up	ZB21	Up	ZQ20	Up	
	3	027	Down	ZR23	Up	ZC20	Up	ZQ21	Up	
	4	ZF26	Up	022	Down	ZC21	Up	ZP19	Up	
	5	H26	Down	ZA22	Up	ZD20	Up	ZP29	Up	
	6	ZF27	Up	023	Down	ZD21	Up	ZR20	Up	
	7	H27	Down	ZF22	Up	ZE20	Up	ZR21	Up	
	8	UN26	Up	H22	Down	ZE21	Up	K20	Up	
	9	R26	Down	ZF23	Up	ZF20	Up	K21	Up	
	10	UN27	Up	H23	Down	ZF21	Up	K22	Up	
	11	R27	Down	UN22	Up	020	Up	K23	Up	
	12	ZH22	Up	R22	Down	021	Up	K24	Up	
	13	ZG22	Down	UN23	Up	H20	Up	M20	Up	
	14	ZH23	Up	R23	Down	H21	Up	M21	Up	
	15	ZG23	Down	ZP28	Up	UN20	Up	M22	Up	
	16	ZH24	Up	ZP12	Up	UN21	Up	M23	Up	
	17	ZG24	Down	025+	Down	320	Up	M24	Up	
	18	ZJ22	Up	ZA23	Up	321	Up	N20	Up	
	19	ZS24	Down	H24	Down	R20	Up	N21	Up	
	20	ZJ23	Up	ZA24	Up	R21	Up	N22	Up	
	21	ZS25	Down	H25	Down	ZG20	Up	N23	Up	
	22	ZJ24	Up	ZF24	Up	ZG21	Up	N24	Up	
	23	ZQ22	Down	R24	Down	ZH20	Up	P20	Up	
	24	ZK22	Up	ZF25	Up	ZH21	Up	P21	Up	
	25	ZQ23	Down	R25	Down	ZJ20	Up	P22	Up	
	26	ZK23	Up	025	Up	ZJ21	Up	P23	Up	
	27	ZP26	Down	ZP20	Down	ZK20	Up	P24	Up	
28	ZK24	Up	UN24	Up	ZK21	Up				
TOP	29	ZP27	Down	ZP25	Down	ZN20	Up			
	30	ZN22	Up	UN25	Up	ZN21	Up			
	31	ZA20	Up	ZA21	Up	ZS20	Up			

*Holes numbered 1, 2, 3, and 4 clockwise starting from 0.040 dia. hole between 2 holes in top of holder

POS. 11 JP-26 Top Half	SS-J3 Tensile Specimen	APFIM Specimen	Passive Thermometry
	1. inner G20	1. H26	1.
	2. outer H22	2. H27	Ser. #49
	3. inner G21	3. H28	2.
	4. outer H23	4. H29	Ser. #50
	5. inner H20	5. H2A	3.
	6. outer H24	6. H2B	Ser. #51
	7. inner H21	7. N20	4.
8. outer H25	8. N21	Ser. #52	
Bottom Half	SS-J3 Tensile Specimen	APFIM Specimen	Passive Thermometry
	9. inner R20	9. ZP22	5.
	10. outer ZP20	10. ZP23	Ser. #53
	11. inner R21	11. ZQ12 (notched)	6.
	12. outer ZP21	12. ZQ13 (notched)	Ser. #54
	13. inner ZR20	13. ZR22	7.
	14. outer ZQ20	14. ZR23	Ser. #55
	15. inner ZR21	15. ZS20	8.
16. outer ZQ21	16. ZS21	Ser. #56	

POS. 12 JP-26 Top Half	.5-1/3 PCCVN Spec.	Passive Thermometry	
	1. outer 014	1.	2.
	2. inner 015	Ser. #5	Ser. #6
	3. inner 016		
	4. outer 017		
	5. outer 018		
	6. inner 019		
	7. inner 01A		
8. outer 01B			
Bottom Half	.5-1/3 PCCVN Spec		
	9. outer 314		
	10. inner 315		
	11. inner 316		
	12. outer 317		
	13. outer 318		
	14. inner 319		
	15. inner 31A		
16. outer 31B			

POS. 13 JP-26	SS-J3 Tensile Specimen	APFIM Specimen	Passive Thermometry
	1. inner H14	1. H18	1.
	2. outer H10	2. H19	Ser. #9
	3. inner H15	3. H1A	2.
	4. outer H11	4. H1B	Ser. #10
	5. inner H16	5. H1C	3.
	6. outer H12	6. H1D	Ser. #11
	7. inner H17	7. ZS10	4.
8. outer H13	8. ZS11	Ser. #12	

The spacer between positions number 13 and 14 contains Neutron Dosimeter Number **2F**

POS. 14 JP-26	Outer Layer* DFBM Specimens (.066 x .066 x .362)												Inner Layer* DFBM Specimens (.057 x .066 x .362)				Passive Therm.
	C	C	C	C	S	S	S	S	TB	TB	TB	TB	M	M	M	M	
Layer 1 TOP	1 H0 2a	2 H0 2b	3 H0 2c	4 H0 2d	5 00 C a	6 00 C b	7 00 C c	8 00 C d	9 30 C a	10 30 C b	11 30 C c	12 30 C d	1 H0 3a	2 H0 3b	3 H0 3c	4 H0 3d	1. Ser. #1
Layer 2	H0 2e	H0 2f	H0 2g	H0 2h	00 C e	00 C f	00 C g	00 C h	30 C e	30 C f	30 C g	30 C h	H0 3e	H0 3f	H0 3g	H0 3h	
Layer 3	H0 2j	H0 2k	H0 2 m	H0 2n	00 C j	00 C k	00 C m	00 C n	30 C j	30 C k	30 C m	30 C n	H0 3j	H0 3k	H0 3 m	H0 3n	
Layer 4 BOT.	H0 2p	H0 2q	H0 2r	H0 2s	00 C p	00 C q	00 C r	00 C s	30 C p	30 C q	30 C r	30 C s	H0 3p	H0 3q	H0 3r	H0 3s	

* For position designations C, S, TB, and M, see Figure 5.

POS. 15 JP-26	SS-J3 Tensile Specimen		APFIM Specimen		Passive Thermometry	
	Top Half	1. inner	H06	1.	ZQ02	1.
2. outer		H00	2.	ZQ03		
3. inner		H07	3.	ZQ04	2.	Ser. #58
4. outer		H01	4.	ZQ05		
5. inner		H08	5.	ZQ06	3.	Ser. #59
6. outer		H04	6.	ZQ07		
7. inner		H09	7.	ZQ08	4.	Ser. #60
8. outer		H05	8.	ZQ09		
Bottom Half	SS-J3 Tensile Specimen		APFIM Specimen		Passive Thermometry	
	9. inner	G00	9.	ZH00	5.	Ser. #61
	10. outer	V00	10.	ZH01		
	11. inner	G01	11.	ZJ00	6.	Ser. #62
	12. outer	V01	12.	ZJ01		
	13. inner	UA00	13.	ZK00	7.	Ser. #63
	14. outer	W00	14.	ZK01		
	15. inner	UA01	15.	ZN00	8.	Ser. #64
16. outer	W01	16.	ZN01			

POS. 16 JP-26	SS-J3 Tensile Specimen		APFIM Specimen		Passive Thermometry
	1. inner	R00	1.	ZG00	1. Ser. #13
	2. outer	ZP00	2.	ZG01	
	3. inner	R01	3.	ZP02	2. Ser. #14
	4. outer	ZP01	4.	ZP03	
	5. inner	ZR00	5.	ZQ02 (notched)	3. Ser. #15
	6. outer	ZQ00	6.	ZQ03 (notched)	
	7. inner	ZR01	7.	ZR02	4. Ser. #16
	8. outer	ZQ01	8.	ZR03	

POS. 17 JP-26	TEM Specimen Numbers									Passive Thermometry in Center Hole
		Hole No.1*	Engr. Face	Hole No.2*	Engr. Face	Hole No.3*	Engr. Face	Hole No.4*	Engr. Face	
BOTTOM	1	006	Down	ZR02	Down	ZB00	Up	ZS01	Up	1. Ser. #3
	2	ZA05	Up	ZN03	Up	ZB01	Up	ZQ00	Up	
	3	007	Down	ZR03	Up	ZC00	Up	ZQ01	Up	
	4	ZF06	Up	002	Down	ZC01	Up	ZP09	Up	
	5	H06	Down	ZA02	Up	ZD00	Up	ZP0A	Up	
	6	ZF07	Up	003	Down	ZD01	Up	ZR00	Up	
	7	H07	Down	ZF02	Up	ZE00	Up	ZR01	Up	
	8	UN06	Up	H02	Down	ZE01	Up	K00	Up	
	9	R06	Down	ZF03	Up	ZF00	Up	K01	Up	
	10	UN07	Up	H03	Down	Blank		K02	Up	
	11	R07	Down	UN02	Up	000	Up	K03	Up	
	12	ZH02	Up	R02	Down	001	Up	K04	Up	
	13	ZG02	Down	UN03	Up	H00	Up	M00	Up	
	14	ZH03	Up	R03	Up	H01	Up	M01	Up	
	15	ZG03	Down	ZP02	Up	UN10	Up	M02	Up	
	16	ZH04	Up	ZP03	Up	UN01	Up	M03	Up	
	17	ZG04	Down	005+	Down	300	Up	M04	Up	
	18	ZJ02	Up	ZA03	Up	301	Up	N00	Up	
	19	ZS04	Down	H04	Down	R00	Up	N01	Up	
	20	ZJ03	Up	ZA04	Up	R01	Up	N02	Up	
	21	ZS05	Down	H05	Down	ZG00	Up	N03	Up	
	22	ZJ04	Up	ZF01	Up	ZG01	Up	N04	Up	
	23	ZQ02	Down	R04	Down	ZH00	Up	P00	Up	
	24	ZK02	Up	ZF05	Up	ZH01	Up	P01	Up	
	25	ZQ03	Down	R05	Down	ZJ00	Up	P02	Up	
	26	ZK03	Up	005	Up	ZJ01	Up	P03	Up	
	27	ZP10	Down	ZP04	Down	ZK00	Up	P04	Up	
28	ZK04	Up	UN04	Up	ZK01	Up				
29	ZP07	Down	ZP05	Down	ZN00	Up				
30	ZN02	Up	UN05	Up	ZN01	Up				
31	ZA00	Up	ZA01	Up	ZS00	Up				

*Holes numbered 1, 2, 3, and 4 clockwise starting from 0.040 dia. hole between 2 holes in top of holder

The bottom spacer below position number 17 contains Neutron Dosimeter Number **E1**