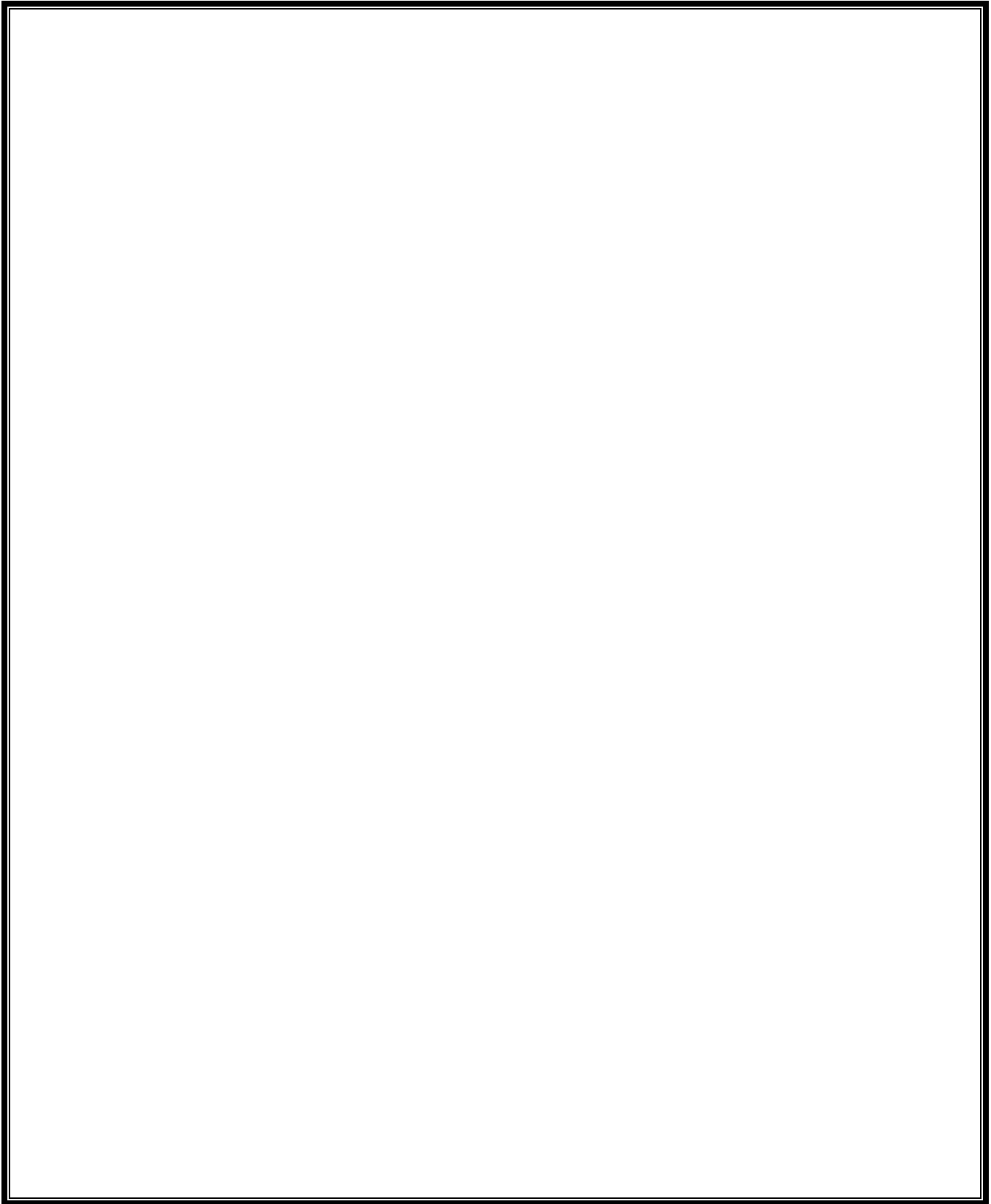


APPENDIX I

FPU Operational Readiness Evaluation

Checklist

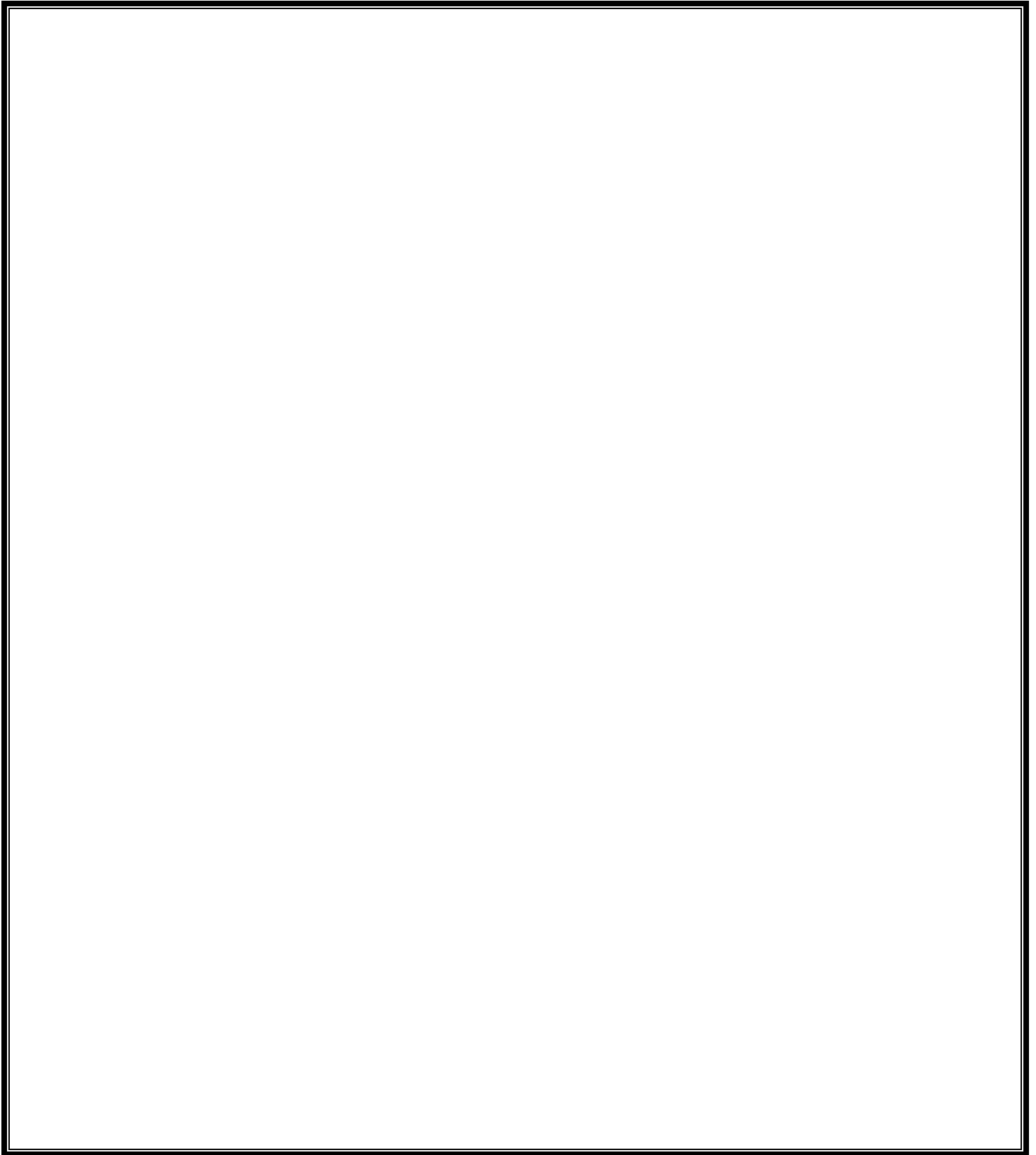


FPU ORE PLAN

§

Operational Readiness Evaluation Check List

1. Ensure and verify that the Gauge Modification Assembly (GMA) collects data as shown in the set of instructions provided by the contractor (shown in brief form in contractor provided instructions, Attachment B).
2. Ensure and verify that the Data Key Reader collects data
3. Ensure and verify that the Key can be transported to the WFO
4. Ensure and verify that the Key can be read at the WFO
5. Ensure and verify that the WFO can perform QC on the Key data
6. Ensure and verify that the WFO can transmit data to NCDC
7. Ensure and verify that NCDC can ingest, QC data, and Archive data
8. Ensure and verify that NCDC can report data back to WFO
9. Ensure and verify that NCDC can deliver timely, accurate data to external end user(s).
10. Ensure and verify that WFO can provide NCDC and OS7 feedback on data problems
11. Ensure and verify that NCDC can make changes to Archive
12. Ensure and verify that Maintenance and Logistics support are adequate including spares at NSLC
13. Ensure and verify that CSSA documentation are complete



APPENDIX II

OI CHECK LIST

PARTS A & B

**Cooperative Observer Program Planned Product Improvement
OI Check List - Part A**

Planned Product Improvement: Fisher-Porter Upgrade

Office completing this check list: _____ Date: _____

Item #	Item Description	OPR	Completion Date
2.1 Pre- Contract Acceptance Test (CAT) Activities			
A.	Submit RC for CAT & obtain Program Office approval to proceed	N/A	N/A
B.	Prepare CAT plan & draft outline for CAT report	OPS11	02/19/02
C.	Identify CAT locations & dates	OPS11	02/19/02
D.	Initiate procurement/delivery of PPI test units to CAT sites (24 units)	OPS11	09/30/01-05/30/02
E.	Deliver logistic supplies & test equipment to CAT sites	OPS11	05/30/02
F.	Provide draft installation instructions to CAT sites	OS7	N/A
G.	Install PPI test units at CAT sites	OPS11	05/30/02
2.2 CAT Activities			
A.	Verify start date for CAT	OPS22	05/30/02
B.	Complete CAT data collection & analysis	OPS11	06/20/02
C.	Verify completion date for CAT	OPS22	08/30/02
D.	Provide CAT Report to OS7	OPS11	08/30/02
2.3 Pre-Operational Readiness Evaluation (ORE) Activities			
A.	Submit RC for ORE	N/A	N/A
B.	Operational readiness evaluation Management decision by OS7	OS7	11/30/03
C.	Prepare operational readiness evaluation plan	OS7	11/30/03
D.	Coordinate operational readiness evaluation logistic support	OPS11	08/15/02
E.	Coordinate plans for installation & maintenance for operational readiness evaluation	OPS11	08/15/02

F.	Coordinate operational readiness evaluation documentation Support	OS7	05/30/04
2.4 Operational readiness evaluation Activities			
A.	Initiate acquisition of operational readiness evaluation units	OPS11	09/30/01
B.	Verify start date for operational readiness evaluation	OPS22	12/01/03
C.	Complete operational readiness evaluation data collection and analysis	OS7	03/31/05
D.	Verify Efficacy of Draft OI Plan via IWT	OS7	01/26/05
E.	Verify Completion date for operational readiness evaluation	OPS22	04/08/05
F.	Complete operational readiness evaluation report	OS7	04/08/05
3.1 Pre-Operational Implementation (OI) Planning Activities			
A.	Complete and distribute integrated logistics plan	OPS14	
B.	Compute Depot Spares Modeling (34 whole system spares needed)	OPS14	01/31/05
C.	Prepare RC for OI	N/A	N/A
D.	Production and Acquisition Management Decision by OS7	OS7	N/A
E.	Coordinate initial identification of OI locations with the RCPMs	OPS22	~02/23/05
F.	Develop OI issue rate/installation sequence strategy (on going)	OPS22	~02/23/05
G.	Prepare and distribute OI plan	OPS22	~04/15/05
H.	Full-scale OI deployment decision	OS7	~04/19/05
3.2 Pre-OI Logistic Support Activities			
A.	Initiate procurement/delivery of OI production units to NLSC	OPS11	09/30/02
B.	Initiate logistic support process for OI production units (establish NSN/ASN)	OPS14	01/31/05
C.	Coordinate installation & maintenance of OI production units with OPS1, OPS22, OS7	OS7	~04/14/05
3.4 Pre-OI Operational Support Activities			
A1.	Provide Observer Instructions to WFOs via web page	OS7	~04/15/05
A2.	Provide NWSREP Instructions to WFOs via web page	OS7	~04/19/05
A3.	Provide TIN Template to WFOs	OS7	04/04/05
A6.	Update NDS (not critical)	OS7	~06/30/05
B1.	Provide maintenance training materials to WFOs (through OS7)	OPS11	~03/31/05
C.	Provide Pre-Implementation User notification (issue TIN)	OS7	~04/27/05

D.	Verify completion of all pre-OI activities	OPS22	~04/27/05
4.1 Implementation Management Activities			
A.	Implementation Management Decision (TIED TO 3.1H)	OPS22	~04/15/05
B.	Oversight Responsibilities (on going)	OPS22	~04/15/05
C.	Check List review(on going)	OPS22	~04/15/05
4.2 Acquisition Activities			
A.	Verify start date for OI	OPS22	~04/20/05
B.	Monitor & validate delivery of all production units to NLSC	OPS11	09/30/02
C.	Stock production units and spare kits at NLSC (depends on 3.2B)	OPS14	09/30/03
D.	Begin Deployment – Issue FPUs From NLSC to WFOs	OPS12	04/27/05
4.4 OI Monitoring & Coordination Activities			
B3.	Begin 30-day monitoring & coordination	RCPM	
C.	Begin monitoring implementation status reports and initiate coordination	OPS22	
D.	Issue post-implementation notification to affected users	OPS22	NA
5.0 Post OI Activities			
B.	Ensure changes are documented in B-44 and entered in CSSA	OS7	
B.	Ensure CSSA documentation changes are entered into MIRS as appropriate	OPS22	
D.	Conduct climate continuity study at selected locations (Begin 1-2 year study)	OS7/ OPS22	

**Cooperative Observer Program
Planned Product Improvement
OI Check List - Part B**

Planned Product Improvement: Fisher-Porter Upgrade

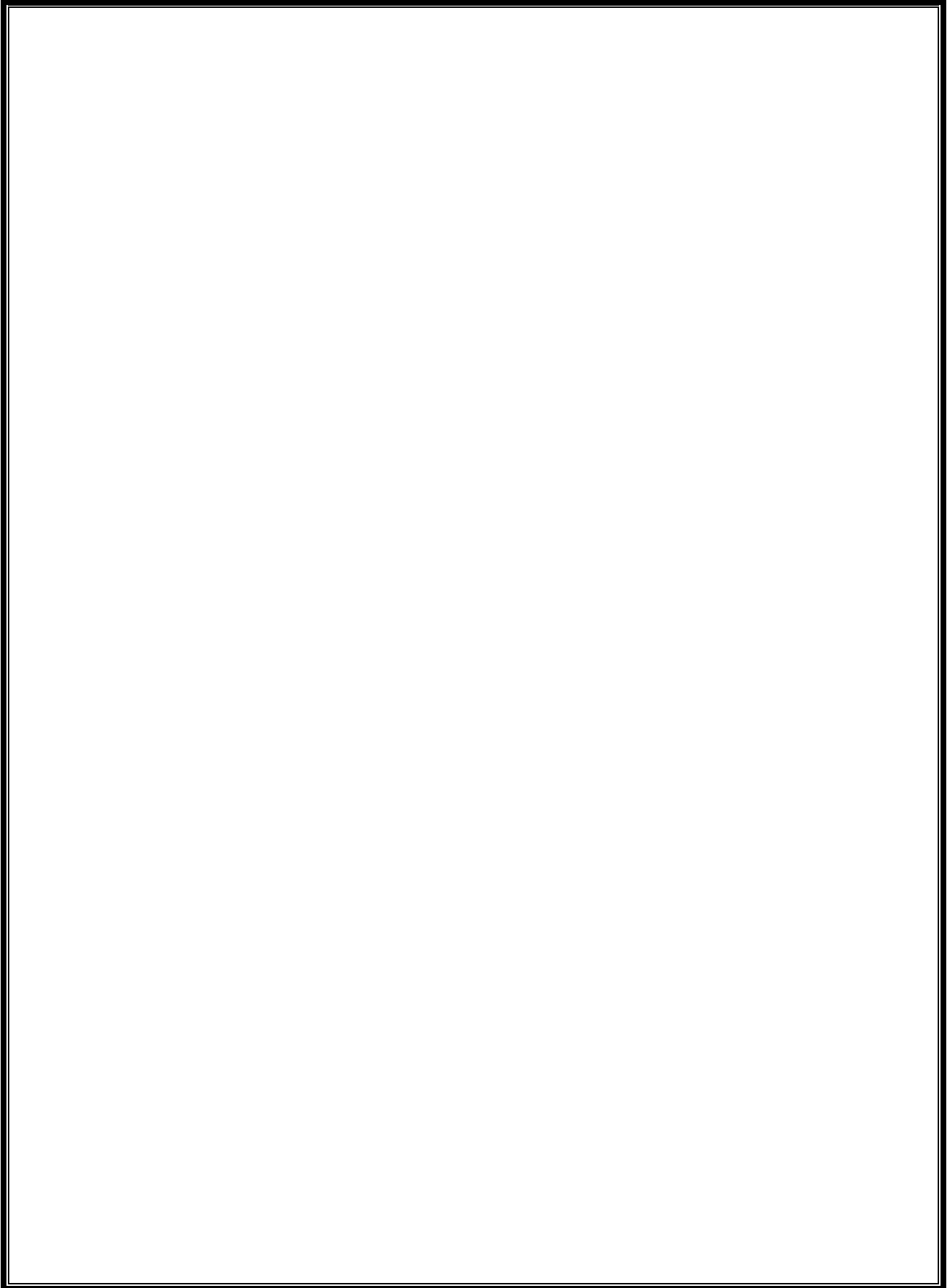
Location (SID, Name, State): _____

Office completing this check list: _____ **Date:** _____

Item #	Item Description	OPR	Completion Date
3.4 Pre-OI Operational Support Activities			
B.	Conduct local operator/maintenance training	WFO	
4.3 OI Installation Activities			
A.	Download files for archive	WFO	N/A
B.	Perform installation & checkout in accordance with MOD NOTE	WFO	
4.4 OI Monitoring & Coordination Activities			
A.	Installation Notification	WFO	
B1.	Begin routine maintenance monitoring and documentation	WFO	
B2.	Begin 30-day monitoring & coordination	WFO	
5.0 Post OI Activities			
A.	Operational Quality Control: Monitor ongoing meteorological performance	WFO	
B2.	Submit WS Form B-44 to NCDC	WFO	
B5.	Enter data into CSSA	WFO	
C.	Dispose of old equipment in accordance with installation instructions	WFO	

APPENDIX III

Candidate COOP Sites for Installation Of FPU



Candidate FPU Sites as of: 04/25/05 NOTE: This does not include existing ORE sites, only new candidate sites

RECORDN	STNNO	STNNAME	REG	STATE	CWA	DECLAT	DECLON	TEL	SID	Temp	Sensor	Release	Requisit	Implement
	2369	21-8947	CR	MN	ABR	45.8619	-96.5650	N	WHRM5	Y				
	1083	39-4268	CR	SD	ABR	45.3944	-101.43	N	ISAS2	Y				
	1262	39-4766	CR	SD	ABR	44.0644	-99.4602	N	LKSS2	Y				
	1363	39-5381	CR	SD	ABR	45.838	-101.278	N	MCIS2	Y				
	1524	39-5891	CR	SD	ABR	43.8894	-100.708	N	MURS2	Y				
	1722	39-6170	CR	SD	ABR	44.4419	-100.4175	N	PIES2	Y		04/20/05		
	2416	39-8980	CR	SD	ABR	45.4394	-97.3433	N	WNRS2	Y				
	621	20-2094	CR	MI	APX	45.9983	-83.9011	N	DTVM4					
	854	20-3170	CR	MI	APX	43.9758	-84.4908	N	GLAM4					
	861	20-3391	CR	MI	APX	44.6541	-84.6994	N	GLGM4					
	2229	20-8246	CR	MI	APX	44.7683	-85.5761	N	TRAM4					
	2244	20-8293	CR	MI	APX	46.1988	-85.0727	N	TRTM4					
	426	14-1730	CR	KS	DDC	38.8971	-100.1135	N	CLYK1	Y				
	666	14-2432	CR	KS	DDC	37.0058	-101.8866	N	EKHK1	Y				
	686	14-2560	CR	KS	DDC	37.0459	-99.9964	N	ENGK1	Y				
	842	14-2980	CR	KS	DDC	37.9930	-100.8121	N	GESK1	Y				
	961	14-3554	CR	KS	DDC	38.6002	-100.6196	N	HEAK1	Y				
	1181	14-4341	CR	KS	DDC	37.0174	-98.4899	N	KWAK1	Y				
	2147	14-7922	CR	KS	DDC	37.5023	-100.7445	N	SUBK1	Y		04/20/05		
	980	14-3686	CR	KS	EAX	38.6645	-94.8901	N	HILK1					
	2027	14-7756	CR	KS	EAX	38.8067	-94.6648	N	SLYK1					
	676	23-2568	CR	MO	EAX	38.8680	-94.0352	N	ELMM7			04/20/05		
	855	23-3219	CR	MO	EAX	39.1753	-94.5937	N	GLAM7					
	1172	23-4544	CR	MO	EAX	40.2057	-92.5748	N	KRKM7					
	1204	23-5050	CR	MO	EAX	39.7505	-92.5065	N	LBRM7					
	2382	23-5671	CR	MO	EAX	39.4194	-92.4369	N	WIXM7					
	1605	23-6012	CR	MO	EAX	39.0172	-92.7558	N	NWFM7					
	1845	23-7116	CR	MO	EAX	39.2422	-93.9700	N	RCMM7					

2022 23-7862 SMITHVILLE LAKE	CR	MO	EAX	39.3903	-94.5553 N	SLKM7	
2096 23-8223 SWEET SPRINGS	CR	MO	EAX	38.9630	-93.4166 N	SSPM7	
2287 23-8524 UNITY VILLAGE	CR	MO	EAX	38.9482	-94.3970 N	UTYM7	
2431 23-8712 WARRENSBURG 4 NW	CR	MO	EAX	38.7841	-93.8008 N	WRRM7	
183 21-0973 BRECKENRIDGE MN	CR	MN	FGF	46.2680	-96.5913 N	BKKM5	
1881 21-1250 CAMP NORRIS DNR	CR	MN	FGF	48.6100	-95.1816 N	RLWM5	
1654 21-6228 ORWELL DAM	CR	MN	FGF	46.2147	-96.1783 N	ORWM5	
2206 21-8235 THIEF LAKE REFUGE	CR	MN	FGF	48.4866	-95.9535 N	TLRM5	
191 32-0450 BALDHILL DAM	CR	ND	FGF	47.0367	-98.0832 N	BLDN8	
1218 32-5078 LEEDS	CR	ND	FGF	48.2881	-99.4317 N	LDSN8	
1076 12-4286 INDIANAPOLIS ZOO	CR	IN	IND	39.7680	-86.1805 N	INZI3	04/20/05
1201 12-4908 LEBANON WATER WORKS	CR	IN	IND	40.0516	-86.4750 N	LBNI3	
1347 12-5407 MARTINSVILLE 2 SW	CR	IN	IND	39.4041	-86.4516 N	MARI3	
1992 12-7959 SHAKAMAK STATE PARK	CR	IN	IND	39.1613	-87.2436 N	SHKI3	
1985 12-7999 SHELBYVILLE SEWAGE PL	CR	IN	IND	39.5283	-85.7916 Y?	SHBI3	
2012 12-4782 LAKEVILLE	CR	IN	IWX	41.5269	-86.2692 N	SJCI3	
1742 12-7069 PORTLAND 1 SW	CR	IN	IWX	40.4355	-85.2888 N	PLDI3	
536 20-1680 COLDWTR WASTEWTR PLT	CR	MI	IWX	41.9400	-85.0183 N	CWPM4	
571 33-2098 DEFIANCE	CR	OH	IWX	41.2833	-84.3833 N	DEFO1	
1254 33-4551 LIMA WWTP	CR	OH	IWX	40.7247	-84.1294 N	LIMO1	
1496 20-5073 MANISTIQUE	CR	MI	MQT	45.9511	-86.2511 N	MSQM4	
1463 20-5184 MARQUETTE WSO AP	CR	MI	MQT	46.5313	-87.5491 N	MQT	04/20/05
129 23-0088 ALLEY SPRING RGR STA	CR	MO	SGF	37.1527	-91.4438 N	AYYM7	
293 23-0789 BOLIVAR 1 NE	CR	MO	SGF	37.6166	-93.3911 N	BVRM7	04/20/05
325 23-1383 CASSVILLE RANGER STA	CR	MO	SGF	36.6727	-93.8577 N	CASM7	
1207 23-4919 LICKING 4N	CR	MO	SGF	37.5544	-91.8830 N	LCKM7	
1670 23-6460 OZARK BEACH	CR	MO	SGF	36.6597	-93.1261 N	OZRM7	
1029 23-6777 POMME DE TERRE DAM	CR	MO	SGF	37.9050	-93.3169 N	HRMM7	
1968 23-7656 SENECA 1W	CR	MO	SGF	36.8333	-94.6213 N	SENM7	
2131 23-8082 STOCKTON DAM	CR	MO	SGF	37.6963	-93.7713 N	STOM7	

771 23-8252 TABLE ROCK DAM	CR	MO	SGF	36.5972	-93.3074 N	FORM7	
2183 23-8466 TRUMAN DAM & RESERVOIR	CR	MO	SGF	38.2580	-93.3988 N	TDRM7	
2424 23-8880 WEST PLAINS	CR	MO	SGF	36.7425	-91.8347 N	WPLM7	
279 39-1114 BUFFALO	CR	SD	UNR	45.5958	-103.5452 N	BUFS2	
303 39-1294 CAMP CROOK	CR	SD	UNR	45.5488	-103.9744 N	CACS2	
684 39-2557 EDGEMONT	CR	SD	UNR	43.3036	-103.8458 N	EMTS2	
663 39-2565 EDGEMONT 23 NNW	CR	SD	UNR	43.6242	-103.9172 N	EGMS2	
727 39-2852 FAITH	CR	SD	UNR	45.0203	-102.0367 N	FAIS2	
1075 39-4184 INTERIOR 3 NE	CR	SD	UNR	43.7483	-101.9413 N	INTS2	
1280 39-4651 LA CREEK NATL WILDLIFE REFUGE	CR	SD	UNR	43.1008	-101.5658 N	LNRS2	
1230 39-4864 LEMMON	CR	SD	UNR	45.9397	-102.1575 N	LEMS2	
1531 39-5544 MILESVILLE 5 NE	CR	SD	UNR	44.5208	-101.6192 N	MVLS2	
1497 39-5620 MISSION	CR	SD	UNR	43.3061	-100.6558 N	MSSS2	
1649 39-6304 ORAL	CR	SD	UNR	43.4033	-103.2683 N	ORLS2	
1835 39-6427 PACTOLA DAM	CR	SD	UNR	44.0622	-103.4819 N	RAPS2	04/20/05
1763 39-6636 PLAINVIEW 4 SSW	CR	SD	UNR	44.5531	-102.1931 N	PNVS2	
2058 39-7882 SPEARFISH	CR	SD	UNR	44.5139	-103.8722 N	SPES2	
2412 39-9347 WIND CAVE	CR	SD	UNR	43.5606	-103.4881 N	WNDS2	
1371 48-6395 MOORCROFT 3S	CR	WY	UNR	44.2169	-104.9291 N	MCTW4	
1657 48-6935 OSAGE	CR	WY	UNR	43.9781	-104.4194 N	OSGW4	
1855 48-7545 RECLUSE	CR	WY	UNR	44.7408	-105.7261 N	RECW4	
722 31-2719 ELIZABETH CITY	ER	NC	AKQ	36.3096	-76.2050 N	EZCN7	04/20/05
1675 44-6475 PAINTER 2W	ER	VA	AKQ	37.5831	-75.8217 N	PAIV2	04/20/05
2212 06-8330 THOMASTON DAM	ER	CT	ALY	41.6931	-73.0600 N	TMSC3	
1044 30-4025 HUDSON COR.FACILITY	ER	NY	ALY	42.2500	-73.8000 N	HUDN6	
133 43-0277 BALL MOUNTAIN LAKE	ER	VT	ALY	43.1167	-72.8000 N	BALV1	
2227 43-8428 TOWNSHEND LAKE	ER	VT	ALY	43.0500	-72.7000 N	TOWV1	
1606 30-5682 NEWARK VALLEY 1N	ER	NY	BGM	42.2411	-76.1728 N	NWKN6	
2381 30-9442 WHITNEY POINT DAM	ER	NY	BGM	42.3500	-75.9667 N	WITN6	
451 30-1185 CANTON 4 SE	ER	NY	BTV	44.5772	-75.1097 N	CNTN6	

2178 30-8507 TICONDEROGA B MILL	ER NY	BTV	43.8461	-73.4278 N	TCDN6	
974 43-3914 HIGHGATE FALLS	ER VT	BTV	44.9333	-73.0500 N	HGHV1	
1454 43-5366 MORRISVILLE	ER VT	BTV	44.5664	-72.6039 N	MORV1	
782 30-3033 FREDONIA	ER NY	BUF	42.4496	-79.3120 N	FRDN6	04/20/05
838 30-3184 GENEVA RESEARCH FARM	ER NY	BUF	42.8766	-77.0307 N	GENN6	04/20/05
1120 30-4207 JAMESTOWN 4 ENE	ER NY	BUF	42.1096	-79.1587 N	JSTN6	
1436 30-5597 MOUNT MORRIS DAM 2 W	ER NY	BUF	42.7313	-77.9054 N	MMRN6	
2457 30-9000 WATERTOWN	ER NY	BUF	43.9767	-75.8753 N	WTTN6	04/20/05
101 33-0059 AKRON WPCS	ER OH	CLE	41.1500	-81.5667 N	AROO1	
820 33-3021 GALION WATER WORKS	ER OH	CLE	40.7167	-82.8000 N	GALO1	
1837 33-6949 RAVENNA 2 S	ER OH	CLE	41.1333	-81.2833 N	RAVO1	
121 17-0273 AUGUSTA	ER ME	GYX	44.3000	-69.7833 N	AUGM1	
2016 17-7827 SKOWHEGAN	ER ME	GYX	44.7667	-69.7167 N	SKOM1	
745 27-3182 FRANKLIN FALLS DAM	ER NH	GYX	43.4667	-71.6500 N	FFLN3	
2367 27-4218 HOPKINTON LAKE	ER NH	GYX	43.1833	-71.7500 N	WHPN3	
848 27-6818 PINKHAM NOTCH	ER NH	GYX	44.2667	-71.2500 N	GHMN3	
87 18-0015 ABERDEEN PHILLIPS FLD	ER MD	LWX	39.4716	-76.1697 N	APG	
1648 44-6712 PIEDMONT RESEARCH STA	ER VA	LWX	38.2316	-78.1208 N	ORGV2	
1893 46-7730 ROMNEY 1 SW	ER WV	LWX	39.3389	-78.7728 N	ROMW2	
897 31-3638 GREENVILLE	ER NC	MHX	35.6333	-77.4000 N	GREN7	
1442 31-5303 MANTEO AIRPORT	ER NC	MHX	35.9167	-75.7000 N	MNTN7	
1372 31-5830 MOREHEAD CITY 2 WNW	ER NC	MHX	34.7333	-76.7333 N	MDCN7	
1755 36-0785 BLUE MARSH LAKE	ER PA	PHI	40.3844	76.0339 N	PLVP1	
92 36-6792 PEN ARGYL	ER PA	PHI	40.8652	-75.2458 N	ARGP1	
404 31-1881 CLINTON 2 NE	ER NC	RAH	35.0247	-78.2758 N	CLIN7	
1834 31-7319 ROANOKE RAPIDS	ER NC	RAH	36.4783	-77.6717 N	RAPN7	
697 46-2717 ELKINS 1N	ER WV	RLX	38.9272	-79.8311 N	ERCW2	04/20/05
2054 46-8351 SOUTHSIDE 3 NNW	ER WV	RLX	38.7506	-81.9808 N	SOSW2	04/20/05
651 31-2631 EDEN	ER NC	RNK	36.4742	-79.7433 N	EDEN7	
1867 31-7324 ROARING GAP 1 NW	ER NC	RNK	36.4081	-80.9964 N	RGPN7	

1693 44-6593 PEDLAR DAM	ER	VA	RNK	37.6708	-79.2792 N	PDLV2	
49 03-0064 ALICIA 2NNE	SR	AR	MEG	35.9290	-91.0584 N	ALCA4	
2466 03-8052 WYNNE	SR	AR	MEG	35.2547	-90.7965 N	WYYA4	
95 22-0237 ARKABUTLA DAM	SR	MS	MEG	34.7497	-90.1336 N	ARKM6	
400 22-1314 CALHOUN CITY	SR	MS	MEG	33.8586	-89.3159 N	CLHM6	
406 22-1707 CLARKSDALE	SR	MS	MEG	34.1864	-90.5573 N	CLKM6	
685 22-2773 ENID DAM	SR	MS	MEG	34.1599	-89.9059 N	ENDM6	
978 22-4001 HICKORY FLAT	SR	MS	MEG	34.6261	-89.1825 N	HICM6	
1018 22-4265 HOUSTON	SR	MS	MEG	33.9279	-89.0083 N	HOUM6	
1513 22-6084 MOUNT PLEASANT 4SW	SR	MS	MEG	34.9055	-89.5619 N	MTPM6	
1899 22-7467 RIPLEY	SR	MS	MEG	34.7355	-88.9485 N	RPYM6	
2083 22-7815 SARDIS DAM	SR	MS	MEG	34.3961	-89.7902 N	SRDM6	
2088 22-7820 SAREPTA 1 NNE	SR	MS	MEG	34.1200	-89.2947 N	SRPM6	
1004 23-3999 HORNERSVILLE	SR	MO	MEG	36.0437	-90.1114 N	HNVM7	
1413 23-5207 MALDEN MUNICIPAL AP	SR	MO	MEG	36.5994	-89.9894 N	MLDM7	
203 40-0876 BOLIVAR WATER WORKS	SR	TN	MEG	35.2622	-88.9891 N	BLVT1	
255 40-1150 BROWNSVILLE SEWER PLANT	SR	TN	MEG	35.5847	-89.2691 N	BRWT1	
645 40-2680 DYERSBURG	SR	TN	MEG	36.0456	-89.3697 N	DYRT1	
898 40-3697 GREENFIELD	SR	TN	MEG	36.1681	-88.7977 N	GRET1	
1241 40-5210 LEXINGTON	SR	TN	MEG	35.6467	-88.3975 N	LEXT1	04/20/05
1351 40-5720 MASON	SR	TN	MEG	35.4155	-89.5313 N	MAST1	
1380 40-5956 MEMPHIS WFO	SR	TN	MEG	35.1298	-89.8037 N	MEGT1	
1438 40-6358 MUNFORD	SR	TN	MEG	35.4556	-89.8114 N	MNFT1	
1937 40-8065 SAMBURG W. L. REFUGE	SR	TN	MEG	36.4527	-89.3027 N	SAMT1	
2163 40-8108 SAVANNAH 6 SW	SR	TN	MEG	35.1524	-88.3213 N	SVNT1	
704 40-2934 ERWIN 1 W	SR	TN	MRX	36.1422	-82.4261 N	ERWT1	
1506 40-6162 MONTEAGLE	SR	TN	MRX	35.2244	-85.8417 N	MTET1	
1486 40-6272 MORRISTOWN WFO	SR	TN	MRX	36.1678	-83.4010 N	MRX	
2063 40-8540 SPRING CITY	SR	TN	MRX	35.6763	-84.8547 N	SPIT1	04/20/05
2150 40-8766 SUNBRIGHT 1 W	SR	TN	MRX	36.2492	-84.6969 N	SUNT1	

499 40-1480	CARTHAGE	SR	TN	OHX	36.2455	-85.9444 N	CRTT1	
351 40-1561	CELINA	SR	TN	OHX	36.5400	-85.4588 N	CELT1	
523 40-1587	CENTERVILLE WATER PLANT	SR	TN	OHX	35.7552	-87.4261 N	CTR1	
362 40-1663	CHEATHAM LOCK & DAM	SR	TN	OHX	36.3244	-87.2244 N	CHET1	04/20/05
1199 40-5089	LAWRENCEBURG FILT PLANT	SR	TN	OHX	35.2638	-87.3513 N	LAWT1	
1203 40-5108	LEBANON	SR	TN	OHX	36.2288	-86.3177 N	LBNT1	
1319 40-5332	LIVINGSTON RADIO WLIV	SR	TN	OHX	36.3772	-85.3394 N	LVNT1	04/20/05
1518 40-6170	MONTEREY	SR	TN	OHX	36.1542	-85.2639 N	MTYT1	
1794 40-7359	PORTLAND SEWAGE PLANT	SR	TN	OHX	36.5875	-86.5258 N	PRTT1	04/20/05
1844 40-7811	ROCK ISLAND 2 NW	SR	TN	OHX	35.8058	-85.6347 N	RCKT1	
2073 40-8562	SPRINGFIELD EXPERIMENT STATION	SR	TN	OHX	36.4738	-86.8472 N	SPRT1	
2336 40-9493	WAVERLY AIRPORT	SR	TN	OHX	36.1142	-87.7419 N	WAVT1	
309 03-1140	CALION LOCK & DAM	SR	AR	SHV	33.3047	-92.4850 N	CALA4	
607 03-1952	DE QUEEN DAM	SR	AR	SHV	34.1002	-94.3724 N	DQOA4	
610 03-2020	DIERKS DAM	SR	AR	SHV	34.1475	-94.0888 N	DROA4	
768 03-2544	FOREMAN	SR	AR	SHV	33.7164	-94.3814 N	FORA4	
1234 03-4185	LEWISVILLE	SR	AR	SHV	33.3613	-93.5677 N	LEWA4	
1340 03-4548	MAGNOLIA	SR	AR	SHV	33.2505	-93.2336 N	MAGA4	
1536 03-4839	MILLWOOD DAM	SR	AR	SHV	33.6772	-93.9902 N	MWOA4	
1547 03-5110	NARROWS DAM	SR	AR	SHV	34.1452	-93.7138 N	NADA4	
1597 03-5112	NASHVILLE	SR	AR	SHV	33.9302	-93.8513 N	NSVA4	
1790 03-5908	PRESCOTT	SR	AR	SHV	33.7974	-93.3767 N	PRSA4	
1098 16-4696	JENA 4 WSW	SR	LA	SHV	31.6661	-92.2005 N	JEAL1	
1402 16-6244	MINDEN	SR	LA	SHV	32.6052	-93.2947 N	MINL1	
1574 16-6314	MONROE ULM	SR	LA	SHV	32.5341	-92.0669 N	NLUL1	
2218 16-6582	NATCHITOCHES	SR	LA	SHV	31.7722	-93.0955 N	TOHL1	
264 16-7738	RED RIVER RESEARCH STATION	SR	LA	SHV	32.4219	-93.6380 N	BSSL1	04/20/05
2414 16-9803	WINNFIELD 2 W	SR	LA	SHV	31.9266	-92.6708 N	WNNL1	
184 34-1544	CARTER TOWER	SR	OK	SHV	34.2661	-94.7753 N	BKNO2	
852 41-3546	GILMER 4 WNW	SR	TX	SHV	32.7463	-95.0497 N	GILT2	

846 41-5348 LONGVIEW 11 SE	SR	TX	SHV	32.3466	-94.6533 N	GGGT2	
1460 41-6108 MOUNT PLEASANT	SR	TX	SHV	33.1688	-95.0055 N	MPLT2	
1546 41-6177 NACOGDOCHES	SR	TX	SHV	31.6180	-94.6450 N	NACT2	
1551 41-6270 NEW BOSTON	SR	TX	SHV	33.4547	-94.4088 N	NBOT2	
1596 41-6335 NEW SUMMERFIELD 2W	SR	TX	SHV	32.9747	-95.3041 N	NSUT2	
1118 41-7936 SAM RAYBURN DAM	SR	TX	SHV	31.0619	-94.1011 N	JSPT2	
2167 41-8778 SWAN 4 NW	SR	TX	SHV	32.4561	-95.4230 N	SWAT2	
2263 41-8942 TEXARKANA	SR	TX	SHV	33.4347	-94.0675 N	TXAT2	
2264 41-9916 WRIGHT PATMAN DM & LK	SR	TX	SHV	33.3041	-94.1727 N	TXKT2	
45 66-0061 ADJUNTAS SUBSTATION	SR	PR	SJU	18.1747	-66.7977 N	AJTP4	
1646 66-0984 BOTIJAS 1 - OROCOVIS	SR	PR	SJU	18.2408	-66.3589 N	ORCP4	Y
1621 66-0988 BOTIJAS 2 - OROCOVIS	SR	PR	SJU	18.1981	-66.3531 N	OCVP4	Y
546 66-1901 CAYEY 1 E	SR	PR	SJU	18.1117	-66.1494 N	CYYP4	Y
1123 66-2336 CERRO MARAVILLA	SR	PR	SJU	18.1547	-66.5619 N	JYYP4	Y
505 66-2934 COROZAL SUBSTATION	SR	PR	SJU	18.3266	-66.3591 N	CRZP4	Y
334 66-3113 CUBUY	SR	PR	SJU	18.2705	-65.8680 N	CBYP4	Y
21 66-3431 DOS BOCAS	SR	PR	SJU	18.3361	-66.6666 N	ACIP4	Y
750 66-3657 FAJARDO	SR	PR	SJU	18.3102	-65.6630 N	FJRP4	Y
890 66-4272 GURABO 3 NW	SR	PR	SJU	18.2936	-65.9988 N	GRBP4	Y
913 66-4276 GURABO SUBSTATION	SR	PR	SJU	18.2583	-65.9922 N	GROP4	Y
1301 66-5258 LAS PIEDRAS 1 N	SR	PR	SJU	18.1963	-65.8650 N	LSPP4	Y
1467 66-5908 MARICAO 2 SSW	SR	PR	SJU	18.1511	-66.9888 N	MRCP4	Y
548 66-6514 NEGRO - COROZAL	SR	PR	SJU	18.2916	-66.3497 N	CZLP4	Y
1569 66-6805 PARAISO	SR	PR	SJU	18.2650	-65.7208 N	NGBP4	Y
1694 66-6942 PENA POBRE-NAGUABO	SR	PR	SJU	18.2197	-65.8261 N	PDRP4	Y
1765 66-7292 PONCE 4 E	SR	PR	SJU	18.0258	-66.5252 N	POCP4	Y
2024 66-8816 SAN LORENZO 2 ESE	SR	PR	SJU	18.1850	-65.9294 N	SLRP4	Y
2047 66-8881 SAN SEBASTIAN 2 WNW	SR	PR	SJU	18.3469	-67.0119 N	SNSP4	Y
2469 66-9829 YABUCOA 1 NNE	SR	PR	SJU	18.0627	-65.8733 N	YBCP4	Y
67-0480 BETH UPPER NEW WORKS	SR	VI	SJU	17.7200	-64.7944 N	BUNV3	Y

04/20/05

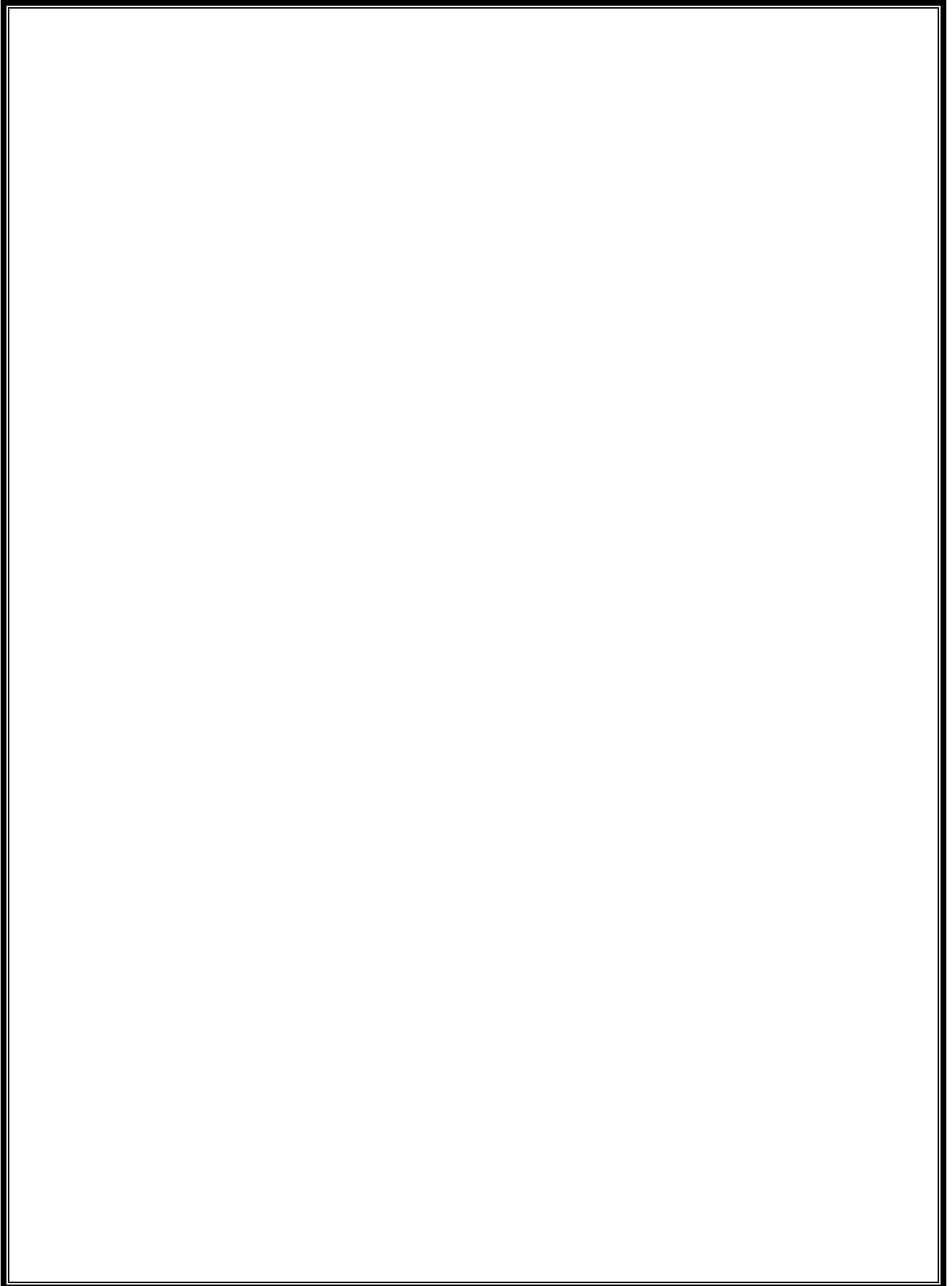
67-1790 CORAL BAY	SR VI	SJU	18.3491	-64.7136 N	CATV3	Y	
67-7600 REDHOOK BAY	SR VI	SJU	18.3261	-64.8597 N	RHBV3	Y	
35 02-0487 ASH FORK 3	WR AZ	FGZ	35.1989	-112.4886 N	AFOA3		
383 02-1574 CHEVELON RS	WR AZ	FGZ	34.5400	-110.9152 N	CHVA3	Y	04/20/05
485 02-2329 CROWN KING	WR AZ	FGZ	34.2097	-112.3453 N	CRKA3		
756 02-3010 FLAGSTAFF AP	WR AZ	FGZ	35.1441	-111.6663 N	FLG		
1159 02-4586 KEAMS CANYON	WR AZ	FGZ	35.8111	-110.1917 N	KMSA3	Y	
1539 02-5344 MAYER NO. 2	WR AZ	FGZ	34.3936	-112.2228 N	MYEA3		
1519 02-5635 MONTEZUMA CASTLE NM	WR AZ	FGZ	34.6105	-111.8380 N	MTZA3	Y	
1803 02-6468 PETRIFIED FOREST NP	WR AZ	FGZ	34.7994	-109.8850 N	PTFA3	Y	
1964 02-7708 SEDONA	WR AZ	FGZ	34.8955	-111.7644 N	SEDA3		
1919 02-7876 SIERRA ANCHA	WR AZ	FGZ	33.7986	-110.9714 N	RVTA3		04/20/05
1677 02-9158 WALNUT CREEK	WR AZ	FGZ	34.9281	-112.8097 N	PALA3		
234 24-1088 BREDETTE	WR MT	GGW	48.5475	-105.2706 N	BRDM8		04/20/05
450 24-1984 CONTENT 3 SSE	WR MT	GGW	47.9765	-107.5487 N	CNTM8		04/20/05
615 24-2441 DODSON 11 N	WR MT	GGW	48.5542	-108.2067 N	DSNM8		04/20/05
773 24-3176 FORT PECK POWER PLANT	WR MT	GGW	48.0119	-106.4117 N	FPKM8		04/20/05
2434 24-8777 WESTBY	WR MT	GGW	48.8707	-104.0500 N	WSBM8		04/20/05
529 04-1754 CHUCHUPATE RS	WR CA	LOX	34.8077	-119.0113 N	CUUC1		
1284 04-3219 FRAZIER PARK 9 SW	WR CA	LOX	34.7333	-119.1038 N	LOKC1		
1725 04-6910 PINE MOUNTAIN INN	WR CA	LOX	34.6102	-119.3666 N	PINC1		
78 04-0212 ANGWIN PAC UNION COL	WR CA	MTR	38.5730	-122.4405 N	ANGC1		
150 04-1005 BOULDER CR LOCAT RCH	WR CA	MTR	37.1422	-122.1963 N	BDRC1		
257 04-1142 BRYSON	WR CA	MTR	35.7989	-121.0939 N	BRYC1		
547 04-1603 CAZADERO 5NW	WR CA	MTR	38.5641	-123.1616 N	CZDC1		
853 04-3419 GILROY 8 NE	WR CA	MTR	37.0327	-121.4316 N	GIRC1		
965 04-3928 HERNANDEZ 7 SE	WR CA	MTR	36.3055	-120.7047 N	HERC1		
1317 04-5184 LUCIA WILLOW SPRINGS	WR CA	MTR	35.8780	-121.4497 N	LUWC1		
1512 04-5996 MOUNT TAMALPAIS 2 SW	WR CA	MTR	37.9000	-122.6033 N	MTPC1		
1703 04-6826 PETALUMA AIRPORT	WR CA	MTR	38.2577	-122.6077 N	PETC1	Y	

2117 04-7646 SAINT HELENA 4 WSW	WR CA	MTR	38.4930-122.5383 N	STHC1
1962 04-8072 SEBASTOPOL	WR CA	MTR	38.4086-122.8211 N	SEBC1
96 35-0265 ARLINGTON	WR OR	PDT	45.7211-120.2050 N	ARLO3 Y
125 35-0356 AUSTIN 3 S	WR OR	PDT	44.5747-118.4913 N	AUSO3 Y
1245 35-4622 LA GRANDE	WR OR	PDT	45.3167-118.0747 N	LGDO3 Y
1432 35-5715 MONUMENT R.S.	WR OR	PDT	44.8181-119.4208 N	MMCO3 Y
1453 35-5734 MORO	WR OR	PDT	45.4825-120.7236 N	MORO3 Y
2441 35-9213 WESTON	WR OR	PDT	45.8214-118.4303 N	WSOO3 Y
708 45-2384 EASTON	WR WA	PDT	47.2422-121.1869 N	ESTW1 Y
930 45-3333 GRAYS RIVER HATCHERY	WR WA	PQR	46.3872-123.5602 N	GYHW1 Y
16 45-0013 ABERDEEN 20NNE	WR WA	SEW	47.2613-123.7147 N	ABEW1 Y
352 45-1496 CLEARWATER	WR WA	SEW	47.5711-124.2922 N	CELW1 Y



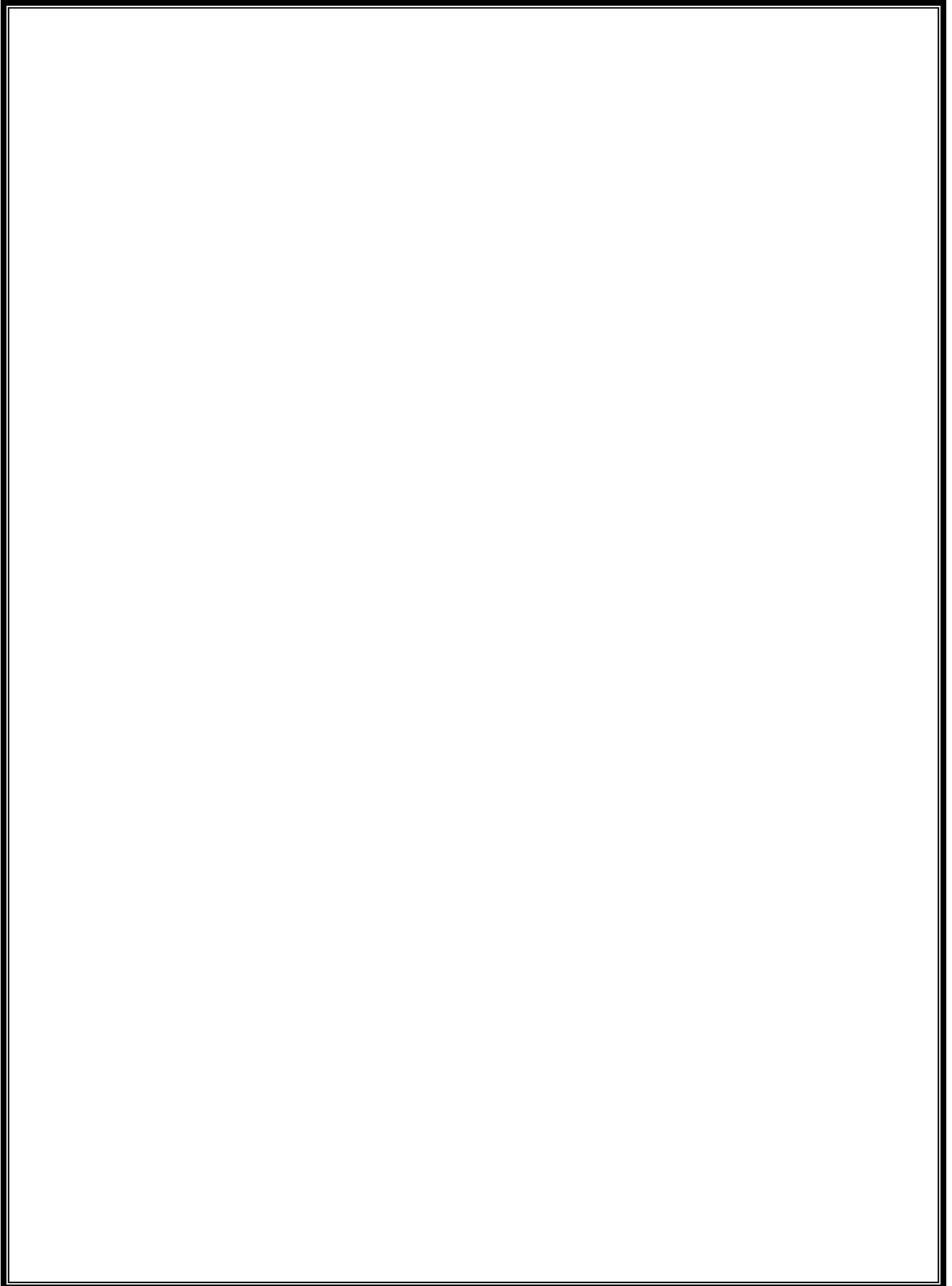
APPENDIX IV

FPU - I ORE/CLIMATE DATA CONTINUITY SITES



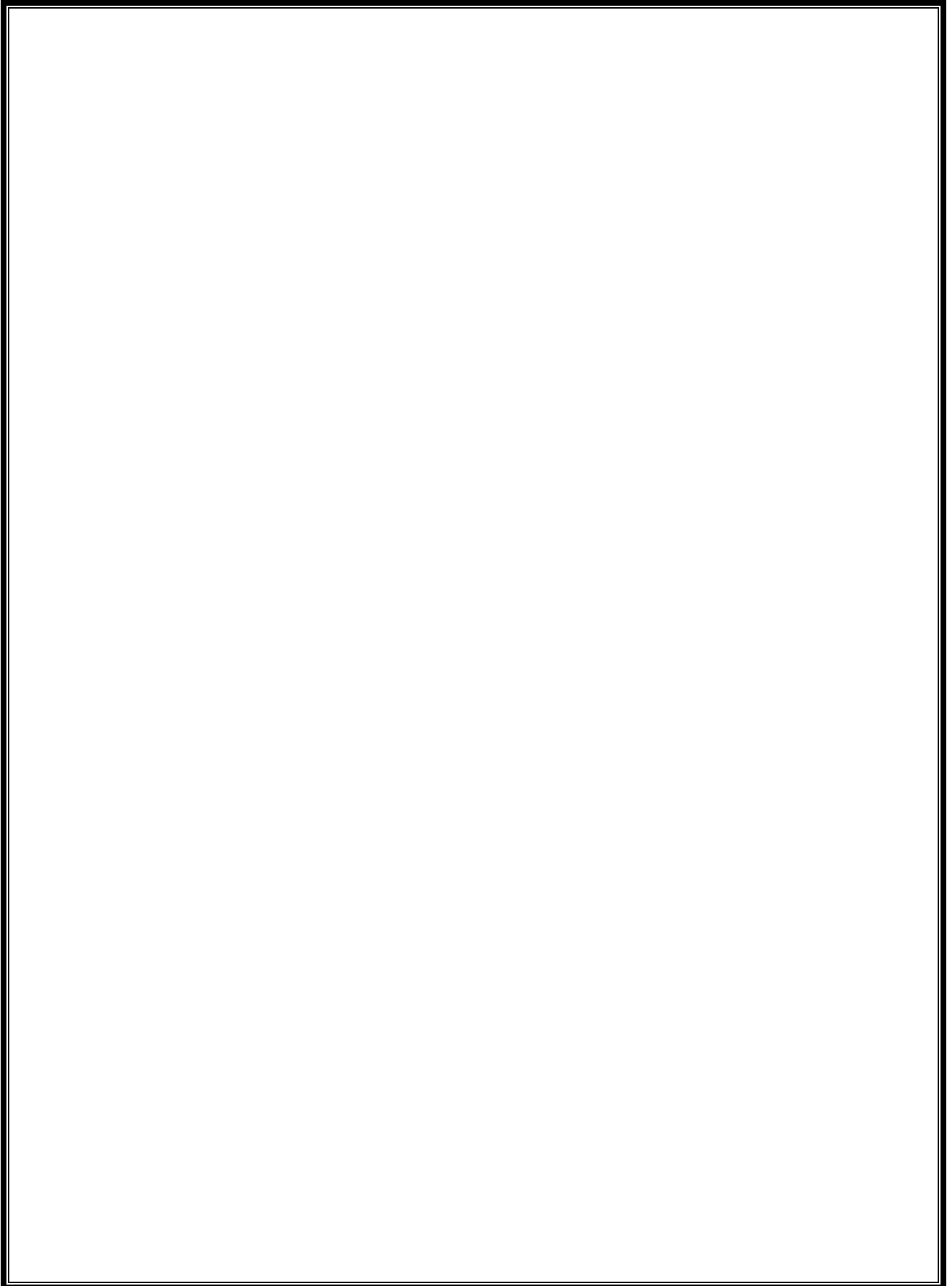
FPU-I Operational Readiness Evaluation Sites and Climate Continuity Sites and Responsible WFO

<u>SID</u>	<u>Name</u>	<u>State</u>	<u>WFO</u>	<u>ORE Site</u>	<u>Climate Data Continuity Site</u>
KAXH1	Kaumana	HI	HFO	51-3510	YES
WMLH1	Waimanalo Nanokio	HI	HFO	51-9534	YES
CTEA2	Central No.2	AK	PAFG	50-1466-08	YES
KLAKA2	Kenny Lake 7SE	AK	AFC	50-4567	YES
WTCM7	NWSTC	MO	EAX	23-4377	YES
GRFN8	Grand Forks Univ	ND	FGF	32-3621	YES
NSHT1	Old Hickory	TN	OHX	40-6806	YES
KCIV2	Sterling (RCS)	VA	LWX	44-8084	YES
RLX	Charleston WSFO	WV	RLX	46-1579	YES
WKFV2	Wakefield WFO	VA	AKQ	44-8800	YES
SWLM8	Swan Lake	MT	MSO	24-8087	YES
FLCO3	Falls City	OR	PQR	35-2805	YES
MLBF1	Melbourne	FL	MLB	08-5612-04	YES
SHV	Shreveport AP	LA	SHV	16-8440	YES
NUBP4	San Juan	PR	SJU	66-6992-05	YES



APPENDIX V

EQUIPMENT PHOTOS





F & P Gauge with paper tape mechanism removed
and FPU load cell sensor installed



FPU Enclosure with Data Logger & Battery



Test site with multiple instruments,
Showing complete F&P and FPU (in center)

