

Activity ID	Activity Name	Comp Dur.	Act % Comp	Start	Finish	BL Project Finish	Remaining Total Cost	evms rule	Total Float	2015												2016	
										J	A	S	O	N	D	J	F	M	A	M	J	J	A
Job: 2440 - 2nd NBI Beamline-CROPPER										6													
2440-0017A	Radiation Supplies (M&S)	953	90%	01-Nov-10 A	29-Aug-14	20-May-13	\$60,750.00	C	6	41=250,000;													
Job: 2450 - 2nd NBI Services-CROPPER										-4													
2450-0053A	Engineering for 2nd NBI Services	657	95%	03-Jan-12 A	18-Aug-14	18-Aug-14	\$23,950.17	A	19	EM//EM =2,400 ; EE//EM =120 ;													
2450-0053B	Engineering Support for 2nd NBI Services (Vic)	657	94.8%	03-Jan-12 A	18-Aug-14	18-Aug-14	\$5,580.90	A	19	41=80,000 ;													
2450-0061	SF6 Transfer Lines	52	75%	28-Apr-14 A	11-Jul-14	13-Mar-14	\$17,722.81	E	42	EM//tb =450 ; EE//TB =83 ;													
2450-0074	Vacuum Lines	189	55%	25-Nov-13 A	02-Sep-14	05-Aug-14	\$39,990.65	C	5	EM//tb =575 ; EE//TB =86 ;													
2450-0085	Stack 8 Vacuum Lines	606	10%	16-Apr-12 A	19-Sep-14	15-Nov-13	\$40,909.52	E	-8	EM//tb =350 ; EE//TB =60 ;													
2450-0099	HVAC	40	0%	07-Jul-14*	29-Aug-14	20-Jan-14	\$31,392.77	C	6	EA//SB =80 41=15000													
2450-0102	Platform Mods	763	65%	01-Aug-11 A	22-Aug-14	25-Apr-14	\$181,670.82	C	11	EA//SB =200 ; EE//EM =40 ; EE//TB =230 ; EM//EM =													
2450-0103	NBI SERVICES COMPLETE	0	0%		19-Sep-14	06-Aug-14	\$0.00	B	-8														
2450-0104A	Generate Drawings	352	85%	25-Feb-13 A	23-Jul-14	23-Aug-13	\$13,707.72	C	18	EA//SB=480 ; EM//EM=120													
2450-0104E	PTP Testing	5	0%	18-Aug-14*	22-Aug-14	14-Oct-13	\$26,178.00	E	1	EE//SM=40 ; EE//TB=120 ; EM//EM=40													
2450-0104F	As-built drawing changes	54	10%	23-Jun-14 A	08-Sep-14	28-Oct-13	\$17,352.00	E	1	EA//SB=120													
2450-0105I	Sect 3:Additional pipes, fittings, etc.	192	80%	04-Nov-13 A	29-Jul-14	14-Aug-13	\$16,200.00	C	-32	41=\$264,400													
Job: 2460 - 2nd NBI Armor-TRESEMER										-32													
2460-0060	Service Connections	10	0%	07-Jul-14*	18-Jul-14	27-Mar-14	\$3,987.12	E	-32	EM//tb =37 ;													
Job: 2470 - 2nd NBI Power-RAKI										-53													
247000090	Design dwgs, changes,as-builts (LOE)	1101	94.2%	03-May-10 A	30-Sep-14		\$5,459.24	A	-11	EE//EM =240 ; EA//SB = 320</P>													
247000245	ip211-AC Auxiliaries PP's etc	164	98%	04-Nov-13 A	07-Jul-14	14-Apr-14	\$3,591.07	C	43	EE//EM= 144; EE//SB = 240; EE//SM= 56; EE//TB= 416 ; 4													
247000250	212 grounding	109	90%	03-Feb-14 A	07-Jul-14	14-Apr-14	\$10,245.70	C	43	EE//EM =72 ; EE//SB =160 ; EE//SM =32 ; EE//TB =336 ; 4													
247000254	Power Testing of Reactivated Equipment	15	0%	05-Nov-14	27-Nov-14	05-Jun-14	\$51,300.96	C	-57	EE//EM =32 ; EE//SB =00 ; EE//SM =120 ; E													
247000255	Switchyard- Reactivation	70	15%	27-May-14 A	03-Sep-14	04-Sep-13	\$64,365.20	C	-57	EE//EM =48 ; EE//SB =08 ; EE//SM =80 ; EE//TB =36													
247000256	Surge Room- Reactivation	88	95%	01-May-14 A	04-Sep-14	13-Nov-13	\$94,097.84	C	-57	EE//EM =48 ; EE//SB =08 ; EE//SM =200 ; EE//TB =4													
247000257	Mod- reg- Reactivation	71	5%	27-May-14 A	04-Sep-14	08-Jan-14	\$48,791.60	C	-57	EE//EM =48 ; EE//SB =08 ; EE//SM =80 ; EE//TB =16													

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										J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F
2475-0145	Beamline TC Scanner Program-NBI-Controls & Instr	30	0%	07-Jul-14	15-Aug-14	05-Dec-13	\$27,398.40	E	-33	EE//SM =24 ; EE//sB =160 ;																			
2475-0149	PTP Testing	5	0%	08-Oct-14*	15-Oct-14	09-May-14	\$67,398.40	E	-70	EE//SM =160; EE//TB =160; EE//SB =160																			
2475-0154	Commissioning & Testing of 4A Power System	10	0%	15-Oct-14*	29-Oct-14	09-Jun-14	\$0.00	E	-70																				
2475-0155	Commissioning & Testing of 4B Power System	9	0%	29-Oct-14*	11-Nov-14	08-Jul-14	\$0.00	E	-70																				
2475-0156	Commissioning & Testing of 4C Power System	9	0%	11-Nov-14*	26-Nov-14	05-Aug-14	\$0.00	E	-70																				
2475-0157	40 kv Beam Operation	0	0%	10-Dec-14*	10-Dec-14	03-Sep-14	\$0.00	E	-64																				
2475-0157A	ACC Review	10	0%	26-Nov-14*	10-Dec-14		\$0.00	E	-70																				
2475-0157B	OP-NSTX-23 (interlock test)	5	0%	10-Dec-14*	17-Dec-14		\$0.00	E	-70																				
2475-0157C	Ready for CD-4	5	0%	17-Dec-14	06-Jan-15		\$0.00	E	-70																				
2475-0167C	EPICS Displays	475	80%	21-Sep-12 A	21-Aug-14	21-Jun-12	\$2,840.08	E	-46	EC//EM=80hrs;EE/SM=10hrs																			
2475-0167D	EPICS CI&C Peer Review	21	0%	07-Jul-14*	04-Aug-14	18-Jun-12	\$7,737.10	E	-46	EC//EM=40hrs;EE/SM=10hrs																			
2475-0167E	EPICS CI&C Timing	50	0%	05-Aug-14	14-Oct-14	10-Jun-13	\$36,279.86	E	-46	EC//EM=80 ; EC//TB=40 ; EE//SM=20 ; EE//TB=																			
2475-0167F	EPICS CI&C Protective Plate Thermocouple Changes	282	50%	26-Sep-13 A	12-Nov-14	29-Jan-14	\$15,856.48	E	-46	EC//EM=144 ; EC//TB=8 ; EE//SM=10 ; EA//S																			
2475-0167G	EPICS CI&C Testing	10	0%	15-Oct-14	28-Oct-14	16-Jan-14	\$34,500.60	E	-35	EC//EM=80hrs;EE//SM=80hrs;EE//SB=40hrs EE																			
2475-0170A	LCC Refurbishment	423	75%	03-Dec-12 A	19-Aug-14	05-Feb-13	\$49,443.80	C	15	41=\$50k ; EE//SM=80 ; EE//SB=480 ; EE//TB=480																			
2475-0170C	Software Upgrade (Windows 7 compatible)	106	0%	07-Jul-14*	04-Dec-14	08-Jan-13	\$26,858.49	E	-60	41=\$20k																			
2475-0170D	Update Display Software (Windows 7 compatible)	106	0%	07-Jul-14*	04-Dec-14	24-May-13	\$57,091.47	E	-60	EE//SM=320																			
Job: 2480 - 2nd NBI/TVPS Duct & VV-BLANCE		165		12-Dec-13 A	13-Aug-14	29-Aug-13	\$4,817.80		-31																				
2480-094N	Vessel leg modification	165	50%	12-Dec-13 A	13-Aug-14	28-Jun-13	\$4,817.80	E	-31	EE//SM=8 ; EE//TB=40 ; EM//TB=40																			
2480-094P	ECP-087 FINISH	0	0%		13-Aug-14	29-Aug-13	\$0.00	E	-31																				
Job: 2485 - Vacuum Pumping System-BLANCE		158		10-Mar-14 A	20-Oct-14	27-Aug-14	\$30,000.08		-29																				
2485-0038	Fabricate or delivery - Vacuum Instrumentation	86	80%	14-Apr-14 A	13-Aug-14	27-Mar-14	\$1,080.00	C	8	41=4,000 ;																			
2485-0049	Install TVPS Supports/	107	50%	10-Mar-14 A	07-Aug-14	16-Jul-14	\$14,460.04	E	-29	EM//EM =26 ; EM//tb =90 ;																			
2485-0050A	Install Vacuum Instrumentation	65	25%	07-Jul-14 A	06-Oct-14	13-Aug-14	\$12,283.60	E	-29	EM//EM =20 ; EM//tb =80 ; M&S=4,000																			
2485-0051	PTP Testing	10	0%	07-Oct-14	20-Oct-14	27-Aug-14	\$2,176.44	E	-29	EM//tb =10 ; EM//EM =06 ;																			

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										J	A	S	O	N	D	J	F	M	A	M	J	J
Job: 2490 - NTC Equipt Relocations-PERRY		782		24-Oct-11 A	15-Dec-14	29-Aug-14	\$812,734.82		-67													
24910580	Prp procd reinstall-Transm Grating Spectrom	700	95%	24-Oct-11 A	18-Aug-14	06-Dec-12	\$374.88	E	-67	JONES=08 ; EA//SB=24 ;M&S=2000 ;												
24910590	re-install Transmission Grating Spectrometr	388	50%	17-May-13 A	08-Dec-14	29-Aug-14	\$6,979.56	E	-67	EM//TB =112 ; M&S =1,400												
24910620	re-install - IR Camera at Bay L	122	75%	23-Jun-14 A	15-Dec-14	29-Aug-14	\$8,246.64	E	-67	EM//TB =64 ; M&S =1,000												
24910650	re-install - IR Camera at Bay K	14	75%	23-Jun-14 A	11-Jul-14	29-Aug-14	\$29,912.40	E	24	EM//TB =240 ; M&S =3,000												
24910740	re-install Equipment Bay J/K - 3 gas injectors	48	50%	28-Apr-14 A	07-Jul-14	09-Apr-14	\$11,887.20	E	26	EM//TB =160 ; M&S =2,000												
24910780	Prep procd Equipt reinstln Bay J-Reflectomer	5	0%	07-Jul-14	11-Jul-14	18-Feb-13	\$7,325.60	E	21	JONES=40 ;												
24910790	re-install Equipment Bay J - Reflectomer	20	0%	14-Jul-14	08-Aug-14	07-May-14	\$46,348.80	E	21	EM//TB =320 ; M&S =4,000 Jones=40												
24910830	Prep procd Equipt reinstln Bay J-Bolometer	5	0%	07-Jul-14	11-Jul-14	25-Feb-13	\$7,325.60	E	21	JONES=40 ;												
24910840	re-install Equipment Bay J - Bolometer	20	0%	14-Jul-14	08-Aug-14	07-May-14	\$46,348.80	E	21	EM//TB =380 ; M&S =4,000												
24910880	Prep procd Equipt reinstln Bay J-RF Probe	5	0%	07-Jul-14	11-Jul-14	04-Mar-13	\$7,325.60	E	21	JONES=40 ;												
24910890	re-install Equipment Bay J - RF Probe	20	0%	14-Jul-14	08-Aug-14	07-May-14	\$46,348.80	E	21	EM//TB =320 ; M&S =4,000												
24910930	Prep procd Equipt reinstln Bay J-S-Flip	107	0%	17-Mar-14 A	14-Aug-14	11-Mar-13	\$7,325.60	E	-20	JONES=40 ;												
24910940	re-install Equipment Bay J - S-Flip	10	0%	15-Aug-14	28-Aug-14	07-May-14	\$46,348.80	E	-20	EM//TB =380 ; M&S =4,000												
24911030	Prep procd Equip reinst Bay J-Re-entrant Window	5	0%	07-Jul-14	11-Jul-14*	25-Mar-13	\$7,325.60	E	21	JONES=40 ;												
24911040	re-install Equipment Bay J - Re-entrant Window	40	0%	07-Jul-14*	29-Aug-14	13-Mar-14	\$965.84	E	-57	EM//TB =8 ; M&S =100												
24911180	Prep procd Equip reinst NB2 Duct-IR Window f/Cam	5	0%	07-Jul-14	11-Jul-14	01-Apr-13	\$7,325.60	E	21	JONES=40 ;												
24911190	re-install Equipment NB2 Duct-IR Window f/Camera	31	0%	02-Sep-14	14-Oct-14	18-Mar-14	\$2,897.52	E	-57	EM//TB =24 ; M&S =300												
24911230	Prep procd EQ reinst NB2 Duct-Trans Gratng Spect	237	0%	26-Aug-13 A	08-Aug-14	08-Apr-13	\$8,005.20	E	21	JONES=40 ;												
24911240	reinstall Equip NB2 Duct-Transm Grating Spectro	5	0%	15-Oct-14*	21-Oct-14	29-Aug-14	\$49,436.00	E	-57	EM//TB =380 ; M&S =4,000												
24911280	Prep procd EQ reinstln New pmp duct-VV Ion Gages	92	95%	17-Mar-14 A	24-Jul-14	15-Apr-13	\$400.26	E	-56	JONES=40 ;												
24911290	reinstall EQ New pump duct-VV Ion Gages/Filament	10	0%	22-Oct-14	04-Nov-14	05-Jun-14	\$46,348.80	E	-57	EM//TB =380 ; M&S =4,000												
24911410	Prelim Design New Pump Duct - RGA	10	0%	22-Aug-14	05-Sep-14	16-May-13	\$26,219.20	E	-56	JONES =80 ; EA//SB =80 ;												
24911420	Final Design New Pump Duct - RGA	10	0%	08-Sep-14	19-Sep-14	31-May-13	\$26,219.20	E	-56	EM//TB =80 ; jones=80												
24911430	Prep procd Equip reinstaltn New Pump Duct - RGA	5	0%	22-Sep-14	26-Sep-14	07-Jun-13	\$7,249.12	E	-56	JONES =08 ; EA//SB =40 ;												

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										J	A	S	O	N	D	J	F	M	A	M	J	J
8200-J290	Fiber & electrical Reinstallation	393	60%	25-Feb-13 A	19-Sep-14	12-Sep-13	\$17,312.76	E	-4	POWERS ELEC =80HRS;M&S=5K												
8200-K290	Fiber & electrical Reinstallation	291	60%	22-Jul-13 A	19-Sep-14	09-Jul-13	\$17,312.76	E	-4	POWERS ELEC =80HRS;M&S=5K												
8200-L290	Fiber & electrical Reinstallation	390	60%	28-Feb-13 A	19-Sep-14	09-Jul-13	\$17,312.76	E	-4	POWERS ELEC =80HRS;M&S=5K												
Job: 8210 - Field Supervision & Oversight-PE		860		17-Oct-11 A	30-Jan-15	02-Oct-14	\$257,774.87		172													
8200-0007	CENTER STACK READY FOR INSTALLATION	0	0%	22-Sep-14			\$0.00	B	-92													
8200-0010	Shop Rework - Oversight	617	89.4%	10-Apr-12 A	30-Sep-14	02-Oct-14	\$1,150.12	A	50	Voila=59hrs												
8200-0012D	Re-installation Oversight	580	89%	01-Jun-12 A	30-Sep-14	30-Sep-14	\$44,952.92	A	-11	Winston=2240hrs												
8200-0013	Installation Oversight - Mechanical	734	90%	18-Oct-11 A	30-Sep-14	26-Sep-14	\$36,261.72	A	-11	EM//EM= 1464												
8200-0013A	Installation Oversight	138	0%	07-Jul-14	30-Jan-15		\$164,055.44	A	172	EM//SM=680 ; EA//EM=68												
8200-0015	Title 3 Support Mech Engineer	714	89.4%	17-Oct-11 A	29-Aug-14	02-Oct-14	\$11,354.68	A	10	M. Smith=586hrs												
Job: 8250 - Remove/Install Centerstack-PER		380		29-Jul-13 A	09-Jan-15	08-Sep-14	\$1,405,320.36		-84													
1304-1234	Fab/Del Tooling for Inst Flex Bus Segments	22	0%	07-Jul-14*	05-Aug-14	15-Feb-13	\$44,997.20	C	-50	41=25,000 ; EA//SB =80 ;												
8250-124	Fab Lift Fixture for new centerstack	243	95%	29-Jul-13 A	21-Jul-14	20-Jan-14	\$3,431.16	C	-58	EM//ST =480 ; 41=10,000 ;												
8250-125	Install new centerstack pedestal	147	10%	24-Feb-14 A	19-Sep-14	03-Feb-14	\$41,567.40	E	-76	EM//ST =240 ; EM//SM =80 ; 41=3,000 ;												
8250-129	Lift in new centerstack (2 times)	3	0%	27-Sep-14	30-Sep-14	09-Apr-14	\$27,879.04	E	-97	EM//SM=32 ; EM//ST=192												
8250-133	Check vacuum seals	5	0%	01-Oct-14	06-Oct-14	16-Apr-14	\$26,455.20	E	-96	EM//SM=40 ; EM//ST=120												
8250-137	Install new flex bus (3 times w/2 re-machinings)	27	0%	15-Nov-14	17-Dec-14	23-Jun-14	\$190,883.52	E	-96	41=2,000 ; EM//SM=216 ; EM//ST=1296												
8250-1371A	Install outer TF flag supports	0	0%	18-Dec-14	18-Dec-14		\$64,656.00	E	-96	EM//TB=-600												
8250-137A	Assembly flex/studs/supernuts	19	0%	02-Sep-14*	26-Sep-14	14-Mar-14	\$17,916.60	E	-45	EM//TB=160 ; 41=\$500												
8250-137B	Design and Fab CS to OTF lead ext	34	0%	07-Jul-14*	21-Aug-14	14-Feb-14	\$57,220.80	C	-34	EM//TB=80 ; 41=\$42,000												
8250-137C	Field measure space from CS to each OTF flag	4	0%	28-Oct-14	31-Oct-14	08-Jul-14	\$10,344.96	E	-96	EM//TB=96												
8250-137D	Machine 72 unique spacers for connect to OTF	6	0%	29-Oct-14	04-Nov-14	17-Jul-14	\$98,974.80	E	-96	EM//TB=480 ; 41=\$35,000												
8250-137E	Silverplate spacers connecting OTF flags	6	0%	01-Nov-14	07-Nov-14	10-Jul-14	\$7,872.48	E	-96	EM//TB=48 ; 41=\$2,000												
8250-137F	Trial fit flex and spacers	6	0%	08-Nov-14	14-Nov-14	28-Jul-14	\$31,034.88	E	-96	EM//TB=288												
8250-137G	Re-machine spacers (A/R)	6	0%	08-Nov-14	14-Nov-14	18-Jul-14	\$32,612.40	E	-96	EM//TB=240 ; 41=\$5,000												

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