

JT3.5 - Attachment A

Darlington Refurbishment In-Service Additions (k\$ of year)

DRP Program	Project #	Description	Accounting	Actual (per D2-2-1)				4C FCST (per D2-2-2)			Total	Updated (July 2) Final AFS	Originally Filed Final AFS	
				2010	2011	2012	2013	2014	2015 *	2016-2025				
F&IP	25619	Darlington OSB Refurbishment	In-service Additions	-	-	-	-	-	45	-	45	Aug-15	Jul-15	
			OM&A Removal Costs	-	-	-	-	3	-	-	3			
			<b>Estimate At Completion</b>	-	-	-	-	-	-	-	-	48		
F&IP	31555	D2O Storage Facility	In-service Additions	-	-	-	-	16	1	270	286	Jan-17	Apr-15	
			OM&A Removal Costs	-	-	-	1	-	-	-	1			
			<b>Estimate At Completion</b>	-	-	-	-	-	-	-	-	287		
F&IP	34000	DN Auxiliary Heating System	In-service Additions	-	-	-	-	-	75	-	75	Mar-15	Mar-15	
			OM&A Removal Costs	-	-	-	-	1	3	0	4			
			<b>Estimate At Completion</b>	-	-	-	-	-	-	-	-	79		
F&IP	73802	Water & Sewer	In-service Additions	-	-	5	16	23	7	-	50	Nov-15	Nov-14	
			OM&A Removal Costs	-	-	-	-	1	4	-	5			
			<b>Estimate At Completion</b>	-	-	-	-	-	-	-	-	55		
F&IP	73821	Elec Power Distribution System	In-service Additions	-	-	-	3	12	-	-	15	Nov-14	Apr-15	
			OM&A Removal Costs	-	-	-	-	0	-	-	0			
			<b>Estimate At Completion</b>	-	-	-	-	-	-	-	-	15		
F&IP	73803	Darlington Energy Complex	In-service Additions	-	-	-	81	2	4	-	87	Jul-15	Jul-13	
			OM&A Removal Costs	-	-	-	-	-	-	-	-			
			<b>Estimate At Completion</b>	-	-	-	-	-	-	-	-	87		
F&IP	73810	RFR Island Support Annex	In-service Additions	-	-	-	-	-	-	32	32	Apr-16	Apr-16	
			OM&A Removal Costs	-	-	-	-	0	-	-	0			
			<b>Estimate At Completion</b>	-	-	-	-	-	-	-	-	33		
F&IP - Other	73806/ 73814	GM Fac Leasehold Improvements	In-service Additions	5	(4)	-	-	-	-	9	10	Oct-19	Oct-19	
			OM&A Removal Costs	-	-	-	-	-	-	-	-	-		
			<b>Estimate At Completion</b>	-	-	-	-	-	-	-	-	10		
F&IP - Other	73815	Refurbishment Project Office	In-service Additions	-	-	-	-	-	-	86	86	Apr-16	Apr-16	
			OM&A Removal Costs	-	-	-	-	-	-	-	-	-		
			<b>Estimate At Completion</b>	-	-	-	-	-	-	-	-	86		
F&IP - Other	73817	Vehicle Screening Facility	In-service Additions	-	-	-	-	4	-	-	4	Sep-14	New Project	
			OM&A Removal Costs	-	-	-	-	-	-	-	-	-		
			<b>Estimate At Completion</b>	-	-	-	-	-	-	-	-	4		
F&IP - Other	73804	Information Centre Renovation	In-service Additions	-	-	-	-	-	-	1	1	Oct-19	Oct-19	
			OM&A Removal Costs	-	-	-	-	-	-	-	-	-		
			<b>Estimate At Completion</b>	-	-	-	-	-	-	-	-	1		
F&IP - Other	73823	Salt Shed	In-service Additions	-	-	-	-	-	1	-	1	Sep-15	Sep-17	
			OM&A Removal Costs	-	-	-	-	0	-	-	0			
			<b>Estimate At Completion</b>	-	-	-	-	-	-	-	-	1		
F&IP - Other	73824	Grounds Maintenance Building	In-service Additions	-	-	-	-	-	1	-	1	Dec-15	Jan-18	
			OM&A Removal Costs	-	-	-	-	-	-	-	-	-		
			<b>Estimate At Completion</b>	-	-	-	-	-	-	-	-	1		
F&IP - Other	73825	Facilities Remediation	In-service Additions	-	-	-	-	-	-	19	19	Dec-16	Sep-17	
			OM&A Removal Costs	-	-	-	-	-	-	-	-	-		
			<b>Estimate At Completion</b>	-	-	-	-	-	-	-	-	19		
F&IP - Other	73826	Contractor Facility	In-service Additions	-	-	-	-	8	-	-	8	Nov-14	Dec-16	
			OM&A Removal Costs	-	-	-	-	-	-	-	-	-		
			<b>Estimate At Completion</b>	-	-	-	-	-	-	-	-	8		
F&IP - Other	73828	Parking Initiative	In-service Additions	-	-	-	-	4	6	-	10	Dec-15	Mar-18	
			OM&A Removal Costs	-	-	-	-	-	-	-	-	-		
			<b>Estimate At Completion</b>	-	-	-	-	-	-	-	-	10		
F&IP - Other	73829	Road & Bridges - DN Operation	In-service Additions	-	-	-	-	-	-	27	27	Oct-16	Oct-16	
			OM&A Removal Costs	-	-	-	-	-	-	-	-	-		
			<b>Estimate At Completion</b>	-	-	-	-	-	-	-	-	27		
F&IP - Other			In-service Additions	5	(4)	-	-	15	8	142	167			
			OM&A Removal Costs	-	-	-	-	0	-	-	0			
			<b>Estimate At Completion</b>	-	-	-	-	-	-	-	-	167		
Total F&IP			In-service Additions	5	(4)	5	99	67	140	444	757			
			OM&A Removal Costs	-	-	-	1	5	7	0	13			
			<b>Estimate At Completion</b>	-	-	-	-	-	-	-	-	770		
SIO	73360	Emergency Power Generator	In-service Additions	-	-	-	-	-	66	-	66	Oct-15	Q4 2015	
SIO	73365	Containment Filtered Venting System	In-service Additions	-	-	-	-	-	2	TBD	TBD	Mar-16	New Project	
SIO	73370	Powerhouse Steam Venting System	In-service Additions	-	-	-	-	-	4	-	4	Oct-15	Q4 2015	
SIO	73380	Shield Tank Over Pressure Protection	In-service Additions	-	-	-	-	-	4	TBD	TBD	Jul-17	New Project	
SIO	73398	ESW Buried Services	In-service Additions	-	-	-	-	-	7	-	7	Jun-15	New Project	
SIO			<b>In-service Additions/EAC</b>	-	-	-	-	-	83	TBD	TBD			
Stn Mods	73164	Irradiated Fuel Bay Heat Exchangers	In-service Additions	-	-	-	-	-	-	TBD	TBD	TBD	New Project	
Stn Mods	73165	Fuel Inspection Facility	In-service Additions	-	-	-	-	-	-	TBD	TBD	TBD	New Project	
Stn Mods	73397	ESW Pipe and Component Replacement	In-service Additions	-	-	-	-	-	-	TBD	TBD	TBD	New Project	
Stn Mods	73399	BU55/56 Maintenance	In-service Additions	-	-	-	-	-	-	TBD	TBD	TBD	New Project	
Stn Mods	73471	NPC Instrumentation	In-service Additions	-	-	-	-	-	-	TBD	TBD	TBD	New Project	
Stn Mods	73472	D2O Transfer Prereq mods	In-service Additions	-	-	-	-	-	-	TBD	TBD	TBD	Q3 2015	
Stn Mods	73475	LPSW CSA Booster Pump Setpoint	In-service Additions	-	-	-	-	-	-	-	-	No Project	New Project	
Stn Mods	73476	EQ of 5CB4/6CB4 Trip Logic	In-service Additions	-	-	-	-	-	-	TBD	TBD	TBD	New Project	
Stn Mods	73566	PHT Pump Motor Replacement	In-service Additions	-	-	-	-	-	-	TBD	TBD	TBD	New Project	
Stn Mods	NA	Handwheel	In-service Additions	-	-	-	-	-	-	-	-	No Project	Q4 2014	
Stn Mods	NA	ESW Header Connections	In-service Additions	-	-	-	-	-	-	-	-	No Project	Q4 2015	
Stn Mods	NA	PHT Connection	In-service Additions	-	-	-	-	-	-	-	-	No Project	Q4 2015	
Stn Mods			<b>In-service Additions/EAC</b>	-	-	-	-	-	-	TBD	TBD			
<b>Darlington Refurbishment Program: In-Service Additions</b>				5	(4)	5	99	67	223					

Note: The in-service additions and removal costs forecast is based on latest Project Manager's input, not from approved BCSSs.

JT3.5 - Attachment B

Darlington Refurbishment Partial In-Service Additions (M\$ of year)

DRP Program	Description	Actual (per D2-2-1)				4C FCST (per D2-2-2)		Details of Partial In-Service Additions						
		2010	2011	2012	2013	2014	2015	2010	2011	2012	2013	2014	2015	
Campus Plan	D2O Storage Facility					15.5	1.0						Relocation of buried services such as Helium line, TRF Argon & oxygen tank & piping, yard drainage/storm sewer lines, and LPSW line; Soil laydown pad; Misc tie-in pipe & valves	Specific details to be determined
Campus Plan	Water & Sewer			5.0	15.8	22.6				Holt Road water main including meter building & piping		DN Sanitary Sewer System including sewer mains, distribution system piping & East Pumping Station	West Pumping Station	
Campus Plan	Elec Power Distribution System				2.7							Distribution Substation #2 (DS2) Yard Upgrade		
Campus Plan	Darlington Energy Complex				80.7	2.1						Site Design; Site Servicing, and Design & Construction work up to Jun 5	Close up wall between Mock-up & Warehouse; Street lights & streetscape	
Other Campus Plan	GM Fac Leasehold Improvements	5.4	(3.6)					GM Facility 2nd & 3rd Floors Leasehold improvements		Net Book Value (less accumulated depreciation) was transferred back to CIP based on new DN Refurb In-Serv Items memo - Temporary assets will attract interest until Oct 2019.				
Other Campus Plan	Parking Initiative					3.5							Project not yet released, detailed scope of work to be determined.	
Safety Improvement Opportunities	Containment Filtered Venting System						2.0							Specific details to be determined
Safety Improvement Opportunities	Shield Tank Over Pressure Protection						3.5							Specific details to be determined