Ex. D2-1-3 Table 1a -1d Line No.	Project Number	Project Name	2018 SPI	2018 CPI	2019 SPI	2019 CPI	2020 SPI	2020 CPI	2021 (March) SPI	2021 (March) CPI
ONGOING PROJECTS FROM EB-2016-0152										
1	31412	DN Class II Uninterruptible Power Supply Replacement	0.99	0.81	1.03	0.91	1.02	0.93	1.01	0.94
2	31426	DN Fuel Handling Inverter Replacement	0.64	0.73	0.93	0.94	1.02	0.98	1.00	1.00
3	31516	DN Station Fluorescent Lighting Fixtures Retrofit	0.00	0.03	0.11	0.70	1.18	0.85	1.37	1.03
4	31518	DN Restore Emergency Service Water and Firewater Margins	1.00	0.81	0.95	0.93	0.95	1.01	0.95	1.01
5	31524	DN Station Roofs Replacement	0.53	0.47	0.68	0.97	0.73	1.06	0.80	1.06
6	31532	DN Powerhouse Water Air Condition Units Replacement	1.00	0.56	0.97	0.95	0.96	0.98	0.97	0.97
7	31535	DN Water Treatment Plant Interconnections	0.95	0.91	0.86	0.98	0.49	0.76	1.05	1.01
8	31542	DN Transformer Multi-Gas Analyzer Installation	0.99	0.94	1.00	0.97	0.99	0.99	0.99	0.98
9	31544	DN Radiation Detection Equipment Obsolescence	0.96	0.70	0.74	0.51	1.79	0.95	0.45	0.93
10	31710	DN Shutdown Cooling Heat Exchanger Replacement	0.99	1.10	1.02	1.11	0.99	1.12	0.99	1.12
11	31716	DN Neutron Over-Power Ion Chamber & In-Core Flux Detector Amplifier Replacement (Reactor Regulating System, Shutdown System 1 & Shutdown System 2)	2.63	1.47	2.21	1.20	1.11	1.00	1.10	1.01
12	33258	DN Replacement of Emergency Power Supply Uninterruptible Power Supply	0.73	0.79	1.01	0.94	0.99	0.95	0.98	0.95
13	33621	DN Air Conditioning Unit Replacement for Secondary Control Area	0.97	0.91	0.96	0.94	0.99	0.89	1.00	0.89
14	33631	DN Chiller Replacement to Reduce Chloroflurocarbon Emissions	1.00	1.26	1.00	1.44	0.96	1.44	0.99	1.44
15	33819	DN Major Pump-sets Vibration Monitoring System Upgrades	0.75	0.43	1.06	0.82	0.99	1.00	0.97	0.97
16	33973	DN Standby Generator Controls Replacement	0.99	0.97	0.98	0.95	1.01	0.95	1.00	0.95
17	33977	DN Digital Control Computer Replacement / Refurbishment / Upgrades	N/A		0.96	1.05	0.16	0.12	1.10	0.89
18	34000	DN Auxiliary Heating System - Phases 1 & 2 Alternative Heating	0.96	0.14	0.96	0.89	1.00	0.92	1.00	0.92
19	38948	DN Zebra Mussel Mitigation Improvements	0.94	0.55	0.95	0.54	0.96	0.56	0.93	0.56
20	73566	DN RS Primary Heat Transport Pump Motor Replacement4	0.94	0.93	1.32	1.01	0.98	1.01	0.98	1.01
21	80022	DN OH180 Aging Management Hardware Installation	0.94	0.81	0.99	1.51	1.00	1.12	1.01	1.12
22	80023	DN Steam Generator Level Control Valve Replacement	0.40	0.00	0.75	0.93	0.40	0.47	0.92	1.05
23	80036	DN R22 Refrigerant Air Conditioning Unit Replacement	0.70	0.83	0.93	1.24	0.95	0.79	0.93	0.80
24	80063	DN Standby Generators Protective Relay Replacement	0.55	1.56	0.39	1.39	0.77	1.44	0.64	0.91
25	80078	DN Digital Control, Common Process and Sequence of Events Monitoring Computer Aging Management	N/A		0.62	0.78	0.83	0.75	0.79	0.72
26	80144	DN Primary Heat Transport Pump Motor Overhaul 7	1.00	0.81	0.87	0.77	0.88	0.68	1.03	1.01
27	40691	PB Emergency Power Generator and Main Output Power Protective Relay Replacement	1.13	0.98	1.07	0.85	1.00	0.97	1.00	0.96
COMPLETED/DEFERRED/CANCELLED FROM EB-2016-0152										
29	25619	DN Operations Support Building Refurbishment							1.00	1.02
30	31508	DN Fukushima Phase 1 Beyond Design Basis Event Emergency Mitigation Equipment 3							1.00	0.95
31	31552	DN Condenser Circulating Water and Low Pressure Service Water Travelling Screens Replacement							1.00	1.14
32	31717	DN Improve Maintenance Facilities at Darlington (Capital)							1.00	1.21

			2018		2019		2020		2021 (March)	
Ex. D2-1-3 Table 1a -1d Line No.	Project Number	Project Name	SPI	CPI	SPI	CPI	SPI	CPI	SPI	CPI
33	32202	DN Fukushima Phase 2 Beyond Design Basis Event Emergency Mitigation Equipment 9							1.00	1.21
34	33955	Shutdown System Computer Aging Management							1.00	1.00
35	36001	DN Purchase of Primary Heat Transport Pump Motor Capital Spares							1.00	1.12
36	73706	DN Holt Road Interchange Upgrade							1.00	1.07
37	80111	DN Generator Stator Core Spare							1.00	1.14
38	40976	PB Fuel Handling Reliability Modifications							1.00	0.92
39	41023	Unit 1 & 4 Fuel Channel East Pressure Tube Shift Tooling 4							1.00	1.39
40	41027	PN Fukushima Phase 2 Beyond Design Basis Event Emergency Mitigation Equipment 9							1.00	0.93
41	46634	PA Fuel Handling Single Point of Vulnerabilty Equipment Reliability Improvement Project - Capital							1.00	1.29
42	49158	PB Fukushima Phase 1 Beyond Design Basis Event Emergency Mitigation Equipment 3							1.00	1.39
43	25609	Physical Barrier System							1.00	1.00
44	66600	PN Machine Delivered Scrape							1.00	0.97
PROJECTS NOT IN EB-2016-0152										
46	80122	DN Main Power Output Protection System Replacement	0.33	1.11	0.78	0.97	3.78	0.83	0.75	0.98
47	80123	DN Group II Pressure Transmitter Replacement	0.67	0.00	0.41	1.57	0.37	0.94	0.45	0.94
48	80124	DN Obsolete Controller Replacement	0.63	1.07	0.44	1.54	0.88	0.73	0.81	0.88
49	80126	DN Emergency Power Generator 1 and 2 Replacement	1.08	0.99	1.07	0.82	1.22	0.83	1.10	0.91
50	80148	DN Fuel Handling Computer Input/Output Subsystem and Interprocessor Communication Replacement	0.23	0.25	0.24	0.26	0.97	0.79	0.87	0.61
51	80150	DN Fire Resistant Fluid Pump Improvement	0.49	0.90	0.35	0.87	0.34	0.53	0.70	0.73
52	82883	DN Class 1 Rectifier Replacement	0.25	0.61	2.04	1.28	0.84	1.37	0.71	1.30
53	82890	DN Main Power Output and Class IV Transformer Control Cabinet Wiring Replacement	N/A		0.09	2.08	0.01	0.51	0.01	0.51
54	82947	DN Fuel Handling Head Major Component Replacement	0.06	0.72	0.31	1.52	0.53	0.62	1.00	0.90
55	83049	DN Copper Piping Replacement	0.71	0.00	1.02	0.87	1.02	1.01	1.00	0.94
56	83052	DN Fuel Handling Power and Signal Cable Catenary Replacement	N/A		0.26	1.66	0.45	0.80	0.97	1.17
57	83053	DN Powerhouse Upper Level Service Water Piping Replacement (PULSW to SDC) (changed to 83530)	N/A		0.30	0.35	0.39	0.96	0.84	0.99
58	83076	DN Phase 2 Station Battery Replacement	5.24	4.07	0.66	1.34	1.02	1.07	1.00	1.06
59	83296	DN Main Output Transformer & Unit Service Transformer Replacement	0.71	0.25	1.00	1.02	0.66	1.09	0.86	1.01
60	83297	DN Large Moderator Temperature Control Valve Replacement	N/A		0.77	1.24	0.53	0.63	0.97	1.05
61	83298	DN Secondary System High Priority Control Valve Replacement	0.21	0.39	0.54	0.99	0.50	0.39	0.92	0.99
62	83299	DN Condenser Steam Discharge Valve Control System Replacement	N/A		0.12	0.87	0.77	0.18	1.01	0.86
63	83480	DN 4kV Motor Refurbishment and Replacement	0.20	3.95	0.95	0.32	1.00	1.10	1.00	1.26
64	83484	DN Isolated Phase Bus Refurbishment	N/A		0.58	0.00	0.79	1.27	0.83	1.35
65	83556	DN Turbine Hall Crane Controls Upgrade	0.46	1.14	0.66	0.82	1.00	0.99	1.00	1.01
66	83558	DN Fuel Handling Service Area Bridge F5 Ball Screw Assembly Replacement	0.13	0.72	0.31	0.82	0.50	0.85	0.51	0.72
67	83559	DN East Irradiated Fuel Bay Permanent Fuel Inspection Equipment	0.80	2.48	0.61	0.80	0.80	1.06	0.91	1.02
68	83664	DN Unit 2 Turbine Control & Aux Systems Upgrade	N/A				0.42	0.50	0.90	1.01
69	83916	DN Fuel Handling Replacement of Fuelling Machine Calibration Facility	N/A		0.05	1.84	0.02	0.58	0.03	NULL
70	84009	DN Air Operated Valve Replacement	N/A				0.98	0.96	0.53	0.82
71	84235	DN Primary Heat Transport Liquid Relief Valve Modifications (Waterhammer)	N/A		0.75	0.77	1.03	0.88	1.20	0.92
72	84551	DN Motor Operated Valve Replacement	N/A				0.94	0.96	0.38	0.70
73	84799	DN Primary Heat Transport Pump Rotor Inspection and Replacement	N/A				0.98	0.98	0.97	0.96

			2018		2019		2020		2021 (March)	
Ex. D2-1-3 Table 1a -1d Line No.	**Project Number**	**Project Name**	**SPI**	**CPI**	**SPI**	**CPI**	**SPI**	**CPI**	**SPI**	**CPI**
74	84939	DN Revenue Metering Transformer Replacement	N/A				0.65	1.23	0.75	1.01
75	83072	PN P58 Buried Blowdown Piping Replacement	0.85	0.79	0.52	0.79	0.96	0.99	1.01	0.99
76	83088	PA Low Pressure Feedwater Heat Exchanger Replacement	0.14	0.14	0.14	0.15	1.00	1.03	1.00	1.03
77	83668	PN High Pressure Turbine Spindle Capital Spares	N/A		0.89	0.50	0.50	0.50	0.50	0.50
78	82929	Security Project B	0.65	0.84	0.91	1.06	0.51	0.97	1.00	1.00
79	82930	Security Project C	0.87	0.24	0.79	0.68	0.56	0.81	0.62	0.85
80	83039	DN Rapid Delivery Machine	0.12	0.12	0.13	0.27	0.91	1.11	0.91	1.07
81	83828	Fleet Monitoring Initiative (Monitoring & Diagnostic Centre)	N/A		0.69	0.93	0.76	0.97	0.82	0.94