



Dianne M. Triplett
DEPUTY GENERAL COUNSEL

July 21, 2021

VIA ELECTRONIC FILING

Adam J. Teitzman, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: *Petition by Duke Energy Florida, LLC, to Approve Transaction with Accelerated Decommissioning Partners, LLC, for Accelerated Decommissioning Services at the CR3 Facility, etc.*; Dkt. No. 20190140-EI

Dear Mr. Teitzman:

Enclosed for filing on behalf of Duke Energy Florida, LLC ("DEF") in the above-referenced docket, please find the Decommissioning Quarterly Report received from Accelerated Decommissioning Partners ("ADP") on July 12, 2021, for the quarter ending June 2021. Order No. PSC-2020-0289-FOF-EI, dated August 27, 2020, issued in the above-referenced docket, provides that "2. The information responsive to items identified in the DSA [Decommission Services Agreement], Attachment 9, Section B through E should be provided to the Commission within two weeks of DEF's receipt of this information from ADP."

Thank you for your assistance in this matter. Please feel free to call me at (727) 820-4692 should you have any questions concerning this filing.

Respectfully,

/s/ Dianne M. Triplett

Dianne M. Triplett

DMT/cmw
Enclosure

CERTIFICATE OF SERVICE

Docket No. 20190140-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 21st day of July, 2021.

/s/ Dianne M. Triplett

Attorney

<p>Suzanne Brownless Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 sbrownle@psc.state.fl.us</p> <p>Jon C. Moyle, Jr./ Karen A. Putnal Moyle Law Firm, P.A. 118 North Gadsden Street Tallahassee, FL 32301 jmoyle@moylelaw.com kputnal@moylelaw.com mqualls@moylelaw.com</p>	<p>J.R. Kelly / Charles J. Rehwinkel Office of Public Counsel c/o The Florida Legislature 111 West Madison Street, Room 812 Tallahassee, FL 32399 kelly.jr@leg.state.fl.us rehwinkel.charles@leg.state.fl.us</p> <p>James W. Brew / Laura Wynn Baker Stone Mattheis Xenopoulos & Brew, PC 1025 Thomas Jefferson Street, NW Suite 800 West Washington, DC 20007-5201 jbrew@smxblaw.com lwb@smxblaw.com</p>
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Billy E. Reid, Decommissioning Program Manager

c.865.384.6789

BReid@NorthStar.com

ADP21-0019

July 12, 2021

Terry Hobbs (via electronic mail)
DEF General Manager
Site Administration Building
Crystal River Energy Complex (CREC)

Subject: Materials for Quarterly Meeting

Dear Mr. Hobbs,

In accordance with the Decommissioning Services Agreement (DSA) section 6.12.1 and Attachment 9, attached you will find the materials prepared by ADP CR3, LLC (ADP) for the upcoming quarterly meeting scheduled for July 22, 2021. Please note that the schedule included in the attached also satisfies the requirements for the quarterly schedule update stipulated at section 6.7 of the DSA.

Should you have any questions or comments, contact me at your convenience at either bereid@northstar.com or 865-384-6789.

Sincerely,

A handwritten signature in blue ink that reads "Billy E. Reid".

Billy E. Reid
Decommissioning Program Manager

Cc: Luke Self (ADP / NS)
David Pearson (ADP / NS)
Geoff Wilde (ADP / Orano)
Ivan Wilson (DEF)



Decommissioning Quarterly Report

for quarter ending

June 2021

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1.0 EXECUTIVE SUMMARY

This is the ADP CR3 quarterly report on the decommissioning of the Crystal River Unit 3 nuclear plant in accordance with the requirements of the First Amendment to the Decommissioning Services Agreement (DSA), Attachment 9, *Reporting and Notification Requirements*, reflecting the quarter from April 1, through June 30, 2021.

This quarter commenced with the continuing work on the removal of the Steam Generators completing Segments 1-11. Significant progress was made in the Turbine building and Diesel Generator Building. Work has begun to setup the work areas for Aux Building interior demolition. Planning and preparations continued for Large Component Removal with the Setup of work area completing for the Reactor Pumps and Motors as well as the Pressurizer. No nuclear safety, environmental non-compliance, or significant industrial safety events occurred or were reported.

2.0 SUMMARY OF REGULATORY EVENTS AND REPORTS

1. Reportable events to Governmental Authority (e.g., NRC, OSHA, FDEP, EPA):

NONE

2. Receipt of any correspondence from any Governmental Authority of violation or finding:

NONE

3. Any breach of debt covenants, default acceleration, insolvency, reorganization, bankruptcy or liquidation of NorthStar Group Services, Inc., and/or proposed organizational changes in equity ownership of NorthStar Group Holdings, LLC or ORANO SA:

NONE

4. Events that require Duke Energy Florida (DEF) to make a report to ANI:

NONE

5. Events that require Duke Energy Florida (DEF) to make a report to NEIL:

NONE

3.0 PAY ITEM DISPUTE SUMMARY

There are no pay items in dispute.

4.0 ADP CR3 NON-COMPLIANCE ITEMS

There have been no non-compliance items this quarter.

5.0 CONCERNS NEEDING MANAGEMENT ATTENTION

No concerns needing management attention at this time.

6.0 SUBMITTED AND PENDING REGULATORY SUBMITTALS

ADP CR3 Decommissioning Quarterly Report
2Q-2021

NRC

NUMBER	DATE	FROM ORG	FROM PERSON	SUBJECT	NRC ACCESSION #
3F0121-01	01/19/21	CR-3	Dixon	Report of Investigation Pursuant to 10 CFR 20, Appendix G.	ML21019A458
3F0121-02	01/19/21	CR-3	Dixon	Request for Exemption from 10 CFR 20, Appendix G, Section III.E.	ML21019A464
3F0221-01	02/02/21	CR-3	Dixon	Crystal River Energy Complex – Environmental Protection Plan Report: 2020 Sea Turtle Rescue and Recovery Summary Report	ML21039A232
3F0221-02	02/17/21	CR-3	Dixon	Report of Investigation Pursuant to 10 CFR 20, Appendix G.	ML21048A033
NA	02/18/21	DEF	E. Miller	ADP CR3-Annual FFD Electronic Submittal (No letter sent)	ML21053A269
3F0221-03	02/23/21	CR-3	White	DEF-Annual FFD Electronic Submittal (No letter sent)	ML21054A075
3F0321-01	03/17/21	CR-3	Reid	Crystal River Unit 3 – License Amendment Request, Revision to Independent Spent Fuel Storage Installation (ISFSI)-Only Emergency Plan, Draft A, and ISFSI-Only Emergency Action Level Bases Manual	ML21076A386
3F0321-02	03/17/21	CR-3	Reid	Crystal River Unit 3 – License Amendment Request, Revision 0, ISFSI Security Plan, Revision A.	ML21085A750
3F0321-03	03/09/21	CR-3	Dixon	Report of Investigation Pursuant to 10 CFR 20, Appendix G.	ML21068A115
3F0321-04				3F0321-04 was NOT USED - CR3 2020 Individual Monitoring NRC Form 5 Report was delayed and sent under 3F0421-05	
3F0321-05	03/15/21	CR-3	Dixon	2021 3F Letter Log	ML21074A050
3F0321-06	03/29/21	CR-3	State	Crystal River Unit 3 – Annual Decommissioning and Irradiated Fuel Management Financial Status Report for 2020	ML21088A290
3F0321-07	03/30/21	CR-3	Dixon	Crystal River 3 (XEG) – DOE/NRC Forms 741, 742 and 743C (SNM Report)	ML21089A339
3F0421-01	04/06/21	CR-3	Dixon	Crystal River Unit 3 – 2019 Annual Radioactive Effluent Release Report	ML21098A194
3F0421-02	04/06/21	CR-3	Dixon	Crystal River Unit 3 – 2019 Annual Radiological Environmental Operating Report	ML21098A196
3F0421-03	04/07/21	CR-3	Dixon	Crystal River Unit 3 – Proof of Financial Protection	ML21098A197
3F0421-04	04/13/21	CR-3	Dixon	Supplement to Application for Order Approving Indirect Transfers of Control of Licenses in Connection with Internal Corporate Reorganization	ML21103A415
3F0421-05	04/27/21	CR-3	Dixon	Crystal River 3 – 2020 Individual Monitoring NRC Form 5 Report.	ML21117A300
3F0521-01	05/24/21	CR-3	Adix	ADP Financial Report	ML21146A354 ML21145A263
3F0621-01	06/03/21	CR-3	Dixon	Crystal River 3 – 10 CFR 71.17 User Registration of RT-100 Type B Radioactive Material Shipping Packages	ML21154A074
3F0621-02	06/16/21	CR-3	Dixon	Crystal River Unit 3 - Reporting Related to the National Pollutant Discharge Elimination System (NPDES) Permit ID# FL0A00004-001-IW1S	ML21167A234
EA-21-090	06/28/21	NRC	Watson	VERMONT YANKEE NUCLEAR POWER STATION AND CRYSTAL RIVER UNIT 3 NUCLEAR GENERATING PLANT – ORDER APPROVING INDIRECT TRANSFER OF LICENSES (EPIDS L-2020-LLO-0008 AND L-2020-LLO-0009)	ML21103A415

Environmental

Permits

- Completed required routine SWPPP and SPCC inspections, documentation filed on site.
- NPDES Permit:
 - DEP Inspection occurred on 5/5/2021. Letter received on 6/1/21 documenting site is in compliance, with no violations or deficiencies.
 - Submitted a Minor Modification Application to the NPDES Permit on 6/16/2021 for use of surge tanks. Awaiting DEP review.
 - Monthly reports (submitted electronically).
 - Quarterly Stormwater Sample collected (last quarters sample results submitted).
- EPA ID No. Application. As a Waste Generator, Submitted on 2/26/21, final application received by FDEP and EPA ID # assigned via email. Formal notification received on 6/23/21.

Remediation

- Completed treatment and remediation of impacted soils at AOC 12 – Firing Range. Site is restored and required wells installed, developed and sampled the first of two rounds for data collection.
- Developed the Site Characterization Work Plan to address data gaps. (Waste water ponds, fuel tanks, Paint Shack)
- Completed field program to investigate remaining data gaps for the balance of Areas Of Concerns (AOC). 17 Identified, ~8 closed out, ~9 requires addition evaluation.

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- Installed and developed 5 monitoring wells
- Collected ~40 soil samples from 28 locations, including 1 waste characterization sample from the settling pond (AOC 18)
- Collected 19 groundwater samples (to be completed wk of 6/28/21)
- Collected samples for grain size analysis to support RESRAD model runs, in support of the License Termination Plan
- Collected paint/coating samples to fill data gaps to support Industrial Hygiene and waste profiles.
- Drafted the Interim Source Removal Work Plan for AOC 18 – Waste Water Pond (for work to be completed this winter).
- See Summary of AOC Investigation Status - Attached

7.0 COMPLETED AND NEAR-TERM SCHEDULE MILESTONES

	PAY ITEM/MILESTONE	PLANNED COMPLETE	STATUS
3.1.1.1	Planning & Site Preparation Utilities Reactivation	7/31/2021	95% Complete
3.1.1.2	Planning & Site Preparation Containment Access, Waste Handling Areas		100% Complete
3.1.2	Planning & Site Preparation Site Characterization		100% Complete
3.1.3.1	Planning & Site Preparation LCR and RV/RVI Planning and Engineering General transition Planning/Engineering		100% Complete
3.1.3.2	Planning & Site Preparation LCR and RV/RVI Planning and Engineering Site/Plant infrastructure Planning and Engineering		100% Complete
3.1.3.3	Planning & Site Preparation LCR and RV/RVI Planning and Engineering RVI Planning and Engineering	9/13/2022	45% Complete
3.1.3.4	Planning & Site Preparation LCR and RV/RVI Planning and Engineering RV Planning and Engineering	5/10/2023	45% Complete
3.1.3.5	Planning & Site Preparation LCR and RV/RVI Planning and Engineering LCR Planning and Engineering	7/31/2021	97% Complete
3.1.4.1	Planning & Site Preparation Balance of Plant D&D Planning Temporary Utilities, Site Preparation Planning		100% Complete
3.1.4.2	Planning & Site Preparation Balance of Plant D&D Planning		100% Complete

ADP CR3 Decommissioning Quarterly Report
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	Turbine, Condenser, Steam Generator Removal Planning		
3.1.4.3	Planning & Site Preparation Balance of Plant D&D Planning Systems Removal and Decon Work Planning	7/31/2022	25% Complete
3.1.4.4	Planning & Site Preparation Balance of Plant D&D Planning Demolition Work Planning	3/31/2023	15% Complete
4.A.4.1	Large Component Removal Reactor Coolant System Reactor Coolant Piping	1/13/2022	10% Complete
4.A.4.2	Large Component Removal Reactor Coolant System Reactor Coolant System Pumps and Motors	10/15/2021	10% Complete
4.A.5	Large Component Removal Reactor Coolant System Pressurizer and Relief Tank	10/15/2021	10% Complete
4.A.6.5	Large Component Removal Steam Generators Steam Generator Package, Transportation and Disposal	12/31/2021	90% Complete
4.A.7.1	Large Component Removal Main Turbine/Generator/Condensers Turbine and Generator Removal	8/15/2021	45% Complete
4.B.5.3	Site Decontamination Decontaminate Buildings Transfer Canal Sand Removal		100% Complete
5.1.2	Site Restoration Demolish Miscellaneous Site Structures – Alternate AC Diesel Generator Bldg		100% Complete
5.2.1	Site Restoration Firing Range Closure		100% Complete

Notes:

Reactor Coolant System LCR Setup

Enlargement of the Equipment Hatch

Before



After



Floor Modifications at Equipment Hatch

Before



After

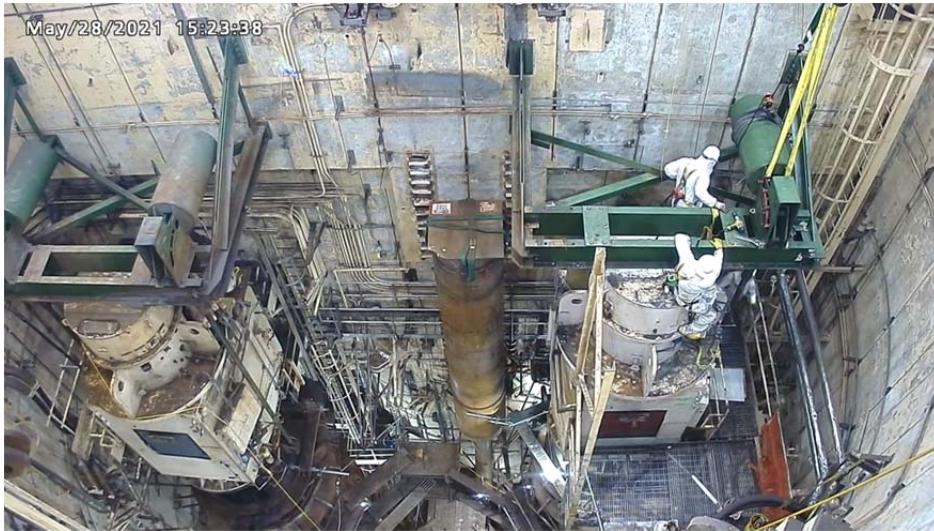


Pressurizer Setup



Reactor Coolant System Pumps and Motors Setup

Spring Can Removal for Setup of Reactor Pump and Motor work



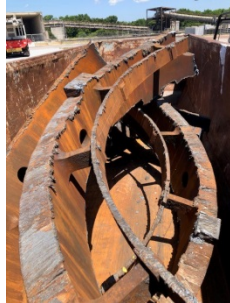
Turbine and Legacy Turbine Removal



ADP CR3 Decommissioning Quarterly Report
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Steam Generator Removal





Building Demolition AC Diesel Generator Building



Firing Range Closure

ADP CR3 Decommissioning Quarterly Report
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#	Activity ID	Activity Name	Orig Dur	Rem Dur	% Comp	Start	Finish	2021		2022				2023				2024				2025				2026				2027					
								Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
1	Crystal River #3 Decommissioning BL June 30, 2021		1824.0	1437.0		06-Jan-20 A	31-Dec-26																												
2	A2800	Complete Milestone #1 Partial License Termination	0.0	0.0	0%		31-Dec-26*																												
3	3 - Planning / Site Preparation		895.0	508.0		06-Jan-20 A	12-Jun-23	3 - Planning / Site Preparation																											
4	D&D Planning & Preparations		895.0	508.0		06-Jan-20 A	12-Jun-23	D&D Planning & Preparations																											
5	Facility Modifications & Site Preparation		227.0	20.0		16-Apr-20 A	27-Jul-21	Facility Modifications & Site Preparation																											
6	Utilities Reactivation		195.0	20.0		16-Apr-20 A	27-Jul-21	Utilities Reactivation																											
7	Containment Access, Waste Handling Areas		138.0	0.0		15-Jun-20 A	07-Jan-21 A	Containment Access, Waste Handling Areas																											
8	Site Characterization		179.0	0.0		13-Jan-20 A	23-Dec-20 A	Site Characterization																											
9	Environmental		137.0	0.0		04-Mar-20 A	28-Aug-20 A	Environmental																											
10	Asbestos Survey		97.0	0.0		13-Jan-20 A	03-Sep-20 A	Asbestos Survey																											
11	Radiological		140.0	0.0		22-Jun-20 A	23-Dec-20 A	Radiological																											
12	LCR & RV/RVI Planning & Engineering		895.0	508.0		06-Jan-20 A	12-Jun-23	LCR & RV/RVI Planning & Engineering																											
13	General Transition Planning/Engineering		147.0	0.0		06-Jan-20 A	31-Jul-20 A	General Transition Planning/Engineering																											
14	Site/Plant Infrastructure Planning, Engineering, & Procurement		312.1	0.0		08-Jun-20 A	08-Dec-20 A	Site/Plant Infrastructure Planning, Engineering, & Procurement																											
15	RVI Planning, Engineering, & Procurements		637.1	263.0		06-Jan-20 A	01-Jul-22	RVI Planning, Engineering, & Procurements																											
16	RV Planning, Engineering, & Procurement		790.0	508.0		01-Jun-20 A	12-Jun-23	RV Planning, Engineering, & Procurement																											
17	LCR Engineering & Procurement		231.0	10.0		01-Jul-20 A	13-Jul-21	LCR Engineering & Procurement																											
18	Balance of Plant D&D Planning		734.0	394.0		06-Jan-20 A	02-Jan-23	Balance of Plant D&D Planning																											
19	Temporary Utilities, Site Preparation Planning		243.0	0.0		06-Jan-20 A	25-Sep-20 A	Temporary Utilities, Site Preparation Planning																											
20	Turbine, Condenser, Steam Generator Removal Planning		81.0	0.0		28-Oct-20 A	17-Feb-21 A	Turbine, Condenser, Steam Generator Removal Planning																											
21	Systems Removal and Decontamination Planning		229.0	100.0		18-Nov-20 A	16-Nov-21	Systems Removal and Decontamination Planning																											
22	Demolition Planning		569.0	198.0		03-Aug-20 A	02-Jan-23	Demolition Planning																											
23	4 - Decommissioning		1517.0	1307.0		03-Aug-20 A	02-Jul-26	4 - Decommissioning																											
24	4A - Large Component Removal		999.0	789.0		03-Aug-20 A	08-Jul-24	4A - Large Component Removal																											
25	Reactor Internals Segmentation		804.4	603.3		09-Sep-20 A	23-Oct-23	Reactor Internals Segmentation																											
26	Reactor Internals Mobilization, Setup, & Commissioning		400.1	272.0		31-Dec-20 A	14-Jul-22	Reactor Internals Mobilization, Setup, & Commissioning																											
27	Reactor Internals Segmentation (Plenum Assembly)		59.0	59.0		21-Dec-21	11-Mar-22	Reactor Internals Segmentation (Plenum Assembly)																											
28	Reactor Internals Segmentation (Core Support Assembly/Remaining)		109.0	109.0		01-Feb-22	01-Jul-22	Reactor Internals Segmentation (Core Support Assembly/Remaining)																											
29	Reactor Internals Waste Packaging, Transportation & Disposal		804.4	603.3		09-Sep-20 A	23-Oct-23	Reactor Internals Waste Packaging, Transportation & Disposal																											
30	Reactor Vessel Segmentation		395.3	395.3		15-Apr-22	23-Oct-23	Reactor Vessel Segmentation																											
31	Reactor Vessel Mobilization, Setup, & Commissioning		93.2	93.2		08-Jun-22	17-Oct-22	Reactor Vessel Mobilization, Setup, & Commissioning																											
32	Reactor Vessel Segmentation		315.3	315.3		15-Apr-22	03-Jul-23	Reactor Vessel Segmentation																											
33	Reactor Vessel Waste Packaging, Transportation & Disposal		365.3	365.3		27-May-22	23-Oct-23	Reactor Vessel Waste Packaging, Transportation & Disposal																											
34	CRDMs, ICIs, Service Structure		221.0	221.0		27-Jul-21	31-May-22	CRDMs, ICIs, Service Structure																											
35	Remove, Transport, & Dispose Of CRDMs & Service Structure		221.0	221.0		27-Jul-21	31-May-22	Remove, Transport, & Dispose Of CRDMs & Service Structure																											
36	Remove, Transport, & Dispose Of ICIs		91.0	91.0		22-Nov-21	28-Mar-22	Remove, Transport, & Dispose Of ICIs																											
37	Reactor Coolant System		282.2	89.0		19-Oct-20 A	01-Nov-21	Reactor Coolant System																											
38	Reactor Coolant System Piping		91.1	64.0		19-Oct-20 A	01-Nov-21	Reactor Coolant System Piping																											
39	Reactor Coolant System Pumps & Motors		234.1	68.0		19-Oct-20 A	01-Oct-21	Reactor Coolant System Pumps & Motors																											
40	Pressurizer		59.0	59.0		07-Jun-21 A	20-Sep-21	Pressurizer																											
41	Steam Generators		144.0	15.0		04-Jan-21 A	29-Oct-21	Steam Generators																											
42	Steam Generators Removal		84.0	10.0		04-Jan-21 A	22-Oct-21	Steam Generators Removal																											
43	Steam Generators Waste P,T,&D		110.0	10.0		08-Mar-21 A	29-Oct-21	Steam Generators Waste P,T,&D																											
44	Main Turbine / Generator / Condensers		270.0	141.0		31-Dec-20 A	12-Jan-22	Main Turbine / Generator / Condensers																											
45	Remove Turbines and Generator		195.0	66.0		31-Dec-20 A	29-Sep-21	Remove Turbines and Generator																											
46	Remove Condensers		85.0	85.0		16-Sep-21	12-Jan-22	Remove Condensers																											
47	Cascading Demo Costs		559.0	480.0		11-Mar-21 A	02-May-23	Cascading Demo Costs																											
48	Large Component Removal Additional Cost		964.0	789.0		03-Aug-20 A	08-Jul-24	Large Component Removal Additional Cost																											
49	Asbestos Abatement		530.0	222.0		03-Aug-20 A	08-Nov-22	Asbestos Abatement																											
50	Remedial Action Surveys		229.0	120.0		28-Jan-21 A	14-Dec-21	Remedial Action Surveys																											
51	Remove Contaminated Outdoor Piping		200.0	200.0		03-Oct-23	08-Jul-24	Remove Contaminated Outdoor Piping																											
52	4B - Site Decontamination		1266.0	1103.0		12-Oct-20 A	19-Sep-25	4B - Site Decontamination																											
53	Remove Plant Systems		837.0	723.0		21-Jan-21 A	05-Apr-24	Remove Plant Systems																											
54	Reactor Building		200.0	200.0		03-Jul-23	05-Apr-24	Reactor Building																											
55	Auxiliary Building (95' Elev.)		160.0	160.0		11-Aug-21	22-Mar-22	Auxiliary Building (95' Elev.)																											
56	Auxiliary Building (119' Elev. and Above)		100.0	100.0		23-Mar-22	09-Aug-22	Auxiliary Building (119' Elev. and Above)																											
57	Intermediate Building		140.0	140.0		11-Aug-21	22-Feb-22	Intermediate Building																											
58	Turbine Building		40.0	30.0		21-Jan-21 A	10-Aug-21	Turbine Building																											
59	Remove Plant Systems Waste P,T,&D		400.0	400.0		26-Sep-22	05-Apr-24	Remove Plant Systems Waste P,T,&D																											
60	Decontaminate Buildings		809.0	809.0		30-May-22	03-Jul-25	Decontaminate Buildings																											
61	Reactor Building (95' Elev.)		140.0	140.0		08-Apr-24	18-Oct-24	Reactor Building (95' Elev.)																											

#	Activity ID	Activity Name	Orig Dur	Rem Dur	% Comp	Start	Finish	2021		2022				2023				2024				2025				2026			2027										
								Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1								
62		Reactor Building (119' Elev.)	120.0	120.0		23-Sep-24	07-Mar-25																																
63		Reactor Building (160' Elev. and Above)	99.0	99.0		17-Feb-25	03-Jul-25																																
64		Auxiliary Building	359.0	359.0		10-Aug-22	25-Dec-23																																
65		Intermediate Building	140.0	140.0		28-Nov-23	10-Jun-24																																
66		Miscellaneous Site Structures	100.0	100.0		30-May-22	14-Oct-22																																
67		Decontaminate Buildings Waste P,T & D	854.0	854.0		14-Jun-22	19-Sep-25																																
68		Reactor Building Waste P,T,&D	360.0	360.0		06-May-24	19-Sep-25																																
69		Auxiliary, Intermediate, and Misc Building Waste P,T,&D	520.0	520.0		14-Jun-22	10-Jun-24																																
70		License Termination Planning	260.0	260.0		30-Jun-21	28-Jun-22																																
71		Decon Additional Costs	1072.0	909.0		12-Oct-20 A	23-Dec-24																																
72		West Settling Pond	120.0	120.0		17-Oct-22	31-Mar-23																																
73		Underground Services Excavation	120.0	120.0		09-Jul-24	23-Dec-24																																
74		Transfer Canal Sand Removal	40.0	0.0		12-Oct-20 A	09-Dec-20 A	Canal Sand Removal																															
75		Remedial Action Surveys	216.0	120.0		16-Feb-21 A	14-Dec-21	Remedial Action Surveys																															
76		Tooling and Equipment	80.0	80.0		03-Jan-23	24-Apr-23																																
77		Lead Abatement	200.0	200.0		18-Jan-23	24-Oct-23																																
78		4F - License Termination	260.0	260.0		04-Jul-25	02-Jul-26																																
79		License Termination Planning, Final Surveys, Reporting	260.0	260.0		04-Jul-25	02-Jul-26																																
80		License Termination	140.0	140.0		04-Jul-25	15-Jan-26																																
81		Confirmation & Verification Surveys	110.0	110.0		07-Nov-25	09-Apr-26																																
82		Terminate License	60.0	60.0		10-Apr-26	02-Jul-26																																
83		5 - Site Restoration	1632.0	1221.0		10-Aug-20 A	31-Dec-26																																
84		Demolition, Backfill, Grading	1163.0	1163.0		10-Aug-20 A	31-Dec-26																																
85		Site Restoration Additional Costs	1501.0	1090.0		10-Aug-20 A	01-Jul-26																																
86		Firing Range Closure	446.0	35.0		10-Aug-20 A	15-Jun-22																																
87		Concrete Crushing & Security Barriers	492.0	492.0		13-Aug-24	01-Jul-26																																
88		Concrete Crushing	473.0	473.0		13-Aug-24	04-Jun-26																																
89		Security VBS	19.0	19.0		05-Jun-26	01-Jul-26																																
90		CR3 D&D Project - GTCC Management	613.7	343.6		01-Jun-20 A	24-Oct-22																																

#	Activity ID	Activity Name	Orig Dur	Rem Dur	% Comp	Start	Finish	Total Float	2021		2022				2023				2024				2025				2026				2027	
									Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
1	Crystal River #3 Decommissioning BL June 30, 2021		1612.0	1437.0		28-Oct-20 A	31-Dec-26	0.0																								
2	A2800	Complete Milestone #1 Partial License Termination	0.0	0.0	0%		31-Dec-26*	0.0																								
3	3 - Planning / Site Preparation		103.0	103.0		30-Jun-21	19-Nov-21	0.0																								
4	D&D Planning & Preparations		103.0	103.0		30-Jun-21	19-Nov-21	0.0																								
5	LCR & RV/RVI Planning & Engineering		103.0	103.0		30-Jun-21	19-Nov-21	0.0																								
6	RVI Planning, Engineering, & Procurements		103.0	103.0		30-Jun-21	19-Nov-21	0.0																								
7	4 - Decommissioning		1372.0	1307.0		04-Jan-21 A	02-Jul-26	0.0																								
8	4A - Large Component Removal		588.3	523.3		04-Jan-21 A	03-Jul-23	0.0																								
9	Reactor Internals Segmentation		388.3	323.3		04-Jan-21 A	26-Sep-22	0.0																								
10	Reactor Internals Mobilization, Setup, & Commissioning		337.0	272.0		04-Jan-21 A	14-Jul-22	0.0																								
11	Reactor Internals Segmentation (Plenum Assembly)		59.0	59.0		21-Dec-21	11-Mar-22	0.0																								
12	Reactor Internals Segmentation (Core Support Assembly/Remaining)		109.0	109.0		01-Feb-22	01-Jul-22	0.0																								
13	Reactor Internals Waste Packaging, Transportation & Disposal		323.3	323.3		30-Jun-21	26-Sep-22	0.0																								
14	Reactor Vessel Segmentation		200.0	200.0		26-Sep-22	03-Jul-23	0.0																								
15	Reactor Vessel Mobilization, Setup, & Commissioning		15.0	15.0		26-Sep-22	17-Oct-22	0.0																								
16	Reactor Vessel Segmentation		185.0	185.0		17-Oct-22	03-Jul-23	0.0																								
17	CRDMs, ICIs, Service Structure		10.0	10.0		18-Jan-22	31-Jan-22	0.0																								
18	Remove, Transport, & Dispose Of ICIs		10.0	10.0		18-Jan-22	31-Jan-22	0.0																								
19	4B - Site Decontamination		524.0	524.0		03-Jul-23	03-Jul-25	0.0																								
20	Remove Plant Systems		200.0	200.0		03-Jul-23	05-Apr-24	0.0																								
21	Reactor Building		200.0	200.0		03-Jul-23	05-Apr-24	0.0																								
22	Decontaminate Buildings		324.0	324.0		08-Apr-24	03-Jul-25	0.0																								
23	Reactor Building (95' Elev.)		140.0	140.0		08-Apr-24	18-Oct-24	0.0																								
24	Reactor Building (119' Elev.)		120.0	120.0		23-Sep-24	07-Mar-25	0.0																								
25	Reactor Building (160' Elev. and Above)		99.0	99.0		17-Feb-25	03-Jul-25	0.0																								
26	4F - License Termination		260.0	260.0		04-Jul-25	02-Jul-26	0.0																								
27	License Termination Planning, Final Surveys, Reporting		260.0	260.0		04-Jul-25	02-Jul-26	0.0																								
28	License Termination		100.0	100.0		04-Jul-25	20-Nov-25	0.0																								
29	Confirmation & Verification Surveys		110.0	110.0		07-Nov-25	09-Apr-26	0.0																								
30	Terminate License		60.0	60.0		10-Apr-26	02-Jul-26	0.0																								
31	5 - Site Restoration		130.0	130.0		03-Jul-26	31-Dec-26	0.0																								
32	Demolition, Backfill, Grading		130.0	130.0		03-Jul-26	31-Dec-26	0.0																								
33	CR3 D&D Project - GTCC Management		480.1	314.0		28-Oct-20 A	12-Sep-22	0.0																								