

Dianne M. Triplett DEPUTY GENERAL COUNSEL

April 20, 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 Annual and Quarterly Reports received from Accelerated Decommissioning Partners ("ADP") on April 19, 2021, for Year 2020 and the quarter ending March 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.

Sincerely,

/s/ Dianne M. Triplett

Dianne M. Triplett

DMT/cmk Enclosure

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 20th day of April, 2021.

/s/ Dianne M. Triplett
Attorney

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DOCKET NO. 20190140-EI

DECOMMISSIONING ANNUAL REPORT FROM ADP FOR YEAR 2020



Billy E. Reid, Decommissioning Program Manager c.865.384.6789

BReid@NorthStar.com

ADP21-0008

April 13, 2021

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

Subject: Materials for Annual 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 Annual meeting scheduled for April 29, 2021.

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

Sincerely,

Billy E. Reid

Decommissioning Program Manager

Cc:

Luke Self (ADP / NS)

Geoff Wilde (ADP / Orano)

Ivan Wilson (DEF)



Decommissioning 2020 Annual Report

ADP CR3 Decommissioning 2020 Annual Report

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1.0 EXECUTIVE SUMMARY

This is the first ADP CR3 annual 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 performance for year ending December 31, 2020.

This year commenced with the transfer of the NRC Operating License to ADP CR3; closure of the DSA; and ADP CR3 completing transition to active decommissioning. Significant progress was made in decommissioning planning activities with physical decommissioning activities commencing. No nuclear safety, environmental non-compliance, or significant industrial safety events occurred or were reported. An Application for Order Approving Indirect Transfers of Control of Licenses in Connection with Internal Corporate Reorganization was sent to the NRC to reflect internal organizational changes above NorthStar Nuclear Holdings LLC.

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

 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:

DEF was provided a written summary report of a transaction that modifies the corporate structure above the NorthStar Group Holdings, LLC level to maintain continuity of current controlling ownership of NorthStar Group Holdings, LLC while formally integrating NorthStar Group Holdings, LLC and Waste Control Specialists, LLC ("WCS") under a common corporate entity and into a common capital structure. A new entity—NGS-WCS Group Holdings, LLC—will be the common corporate entity.

An Application for Order Approving Indirect Transfers of Control of Licenses in Connection with Internal Corporate Reorganization was sent to the NRC

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

*ADP CR3 received and paid the DEF invoice for the NEIL premium

3.0 PAY ITEM DISPUTE SUMMARY

There are no pay items in dispute. DEF has communicated that, with two (2) exceptions, the quality of the documentation of Pay Item completion has been adequate, with progress of all Pay Item being validated. The two quality items identified have been addressed.

4.0 ADP CR3 NON-COMPLIANCE ITEMS

DEF notified ADP CR3 of two (2) non-compliance items: ADP CR3 did not attend a scheduled CREC interface meeting; and did not provide the monthly written notice of the estimated amount for withdrawals during the following calendar month by the twenty-fifth (25th) day of the month. Both of the items have been addressed with internal ADP CR3 processes adjusted to prevent reoccurrence.

5.0 CONCERNS NEEDING MANAGEMENT ATTENTION

A federal Department of Transportation (DOT) inspector attempted to make an unannounced visit to observe the ADP CR3 waste transportation operations, but was denied access to the site at the DEF controlled Access Control Point (ACP) when the inspector refused to provide his driver's license (he did present DOT identification). ADP CR3 management worked with DEF management in real time to resolve the issue; with DEF security protocol for acceptable visitor identification prevailing. The DOT inspector left and documented the event.

6.0 SUBMITTED AND PENDING REGULATORY SUBMITTALS

NRC

NUMBER	DATE	FROM	SUBJECT	NRC ACCESSION #
3F1020-01	10/01/20	Hager	Crystal River 3 - License Transfer Completed and Signed Amendment No. 10 to CR3 Indemnity Agreement No. B-54	ML20275A098
3F1020-02	10/27/20	Hager	Crystal River 3 – Reviewing Officials per 10 CFR 37	ML20301A507
3F1020-03	10/28/20	Hager	Crystal River 3 – ISFSI Decommissioning Trust	ML20302A453
3F1120-01	RE1120-01 11/03/20 Hager CI		Crystal River 3 – 10 CFR 71.95 Report on the 3-60B Cask (Docket 71-0332)	ML20309A975
3F1120-02	11/19/20	State	Application for Order Approving Indirect Transfers of Control of Licenses in Connection with Internal Corporate Reorganization	ML20324A058

FDEP

- MSGP Notice of Change (adding storm water outfalls, etc., to CR3) submitted 11/24
- NPDES permit modification to update references to revised CR3 MSGP permit pending approval notification on NOC – expected soon
- Storage tank registrations change in ownership (submitted 10/13/20)
- NPDES NOI (paper submittal, 10/15/20)
- Monthly NPDES reports (submitted electronically)

7.0 COMPLETED AND NEAR-TERM SCHEDULE MILESTONES

	PAY ITEM/MILESTONE	PLANNED COMPLETE	STATUS
3.1.3.1	Planning & Site Preparation – LCR and RV/RVI Planning and Engineering - General Transition Planning/Engineering		Complete
3.1.1.1	Planning & Site Preparation – Utilities Reactivation (minus Aux Building Ventilation planned for 2022)		Complete
3.1.2	Planning & Site Preparation – Site Characterization		Complete
3.1.4.1	Planning & Site Preparation – Balance of Plant D&D Planning - Temporary Utilities, Site Preparation Planning		Complete
4.B.5.3	Site Decontamination Decontaminate Buildings Transfer Canal Sand Removal		Complete
3.1.1.2	Planning & Site Preparation – Containment Access, Waste Handling Areas		Complete
3.1.3.2	Planning & Site Preparation – LCR and RV/RVI Planning and Engineering - Site/Plant infrastructure Planning and Engineering		Complete
3.1.4.3	Planning & Site Preparation – Balance of Plant D&D Planning – Steam Generator Removal Planning portion only		Complete
3.1.4.2	Planning & Site Preparation – LCR Planning – Turbine Removal Work Package	1-13-21	20% Complete
4.A.7.1	Large Component Removal – Turbine & Generator Removal – Setup Work Area	2-3-21	75% Complete
4.A.6.4	Large Component Removal – Steam Generator Removal – SG Interference Removal	2-11-21	40% Complete
	Large Component Removal –Steam Generator Removal– Hot Leg Removal	2-18-21	0% Complete
	LCR Engineering & Procurement – LCR Lifting & Rigging Plan – Pressurizer Rigging & Lifting Plan (Final)	3-19-21	10% Complete
	Reactor Coolant System Pumps & Motors – Setup Work Area – LCR Interference	3-24-21	0% Complete

Notes:

- ADP CR3 has determined that the Steam Generators (SGs) will be removed earlier in the schedule, prior to Equipment Hatch Modifications and Large Component Removal (LCR), in the first half of 2021. Planning, scaffolding erection, and insulation removal activities have been completed.
- LCR activities will also commence later in 2021 commencing with the removal of the SG Hot Legs so support SG removal. Immediate following SG removal, Equipment Hatch Modifications and LCR will continue. Initial planning, scaffolding erection, insulation and interference removal activities for LCR have been completed.

8.0 PROJECT SCHEDULE PERFORMANCE AND FORECAST ASSESSMENT

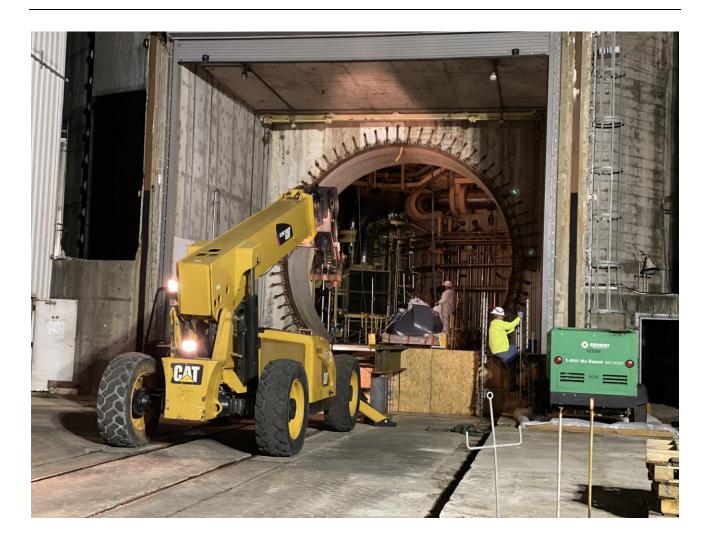
Project Schedule is tracking to a December 2026 completion date. The project has accelerated many of the planning, site characterization, abatement and other site preparatory activities in order to start Large Component Removal and select building demolition ahead of schedule. At this time Critical Path remains the same going thru the Reactor Building to License Termination.

Updated Schedule and Critical Path Schedule is attached

9.0 PAY ITEM SCHEDULE PERFORMANCE AND FORECAST ASSESSMENT

Project is currently performing within budget of the original pay item schedule. Below is the current annual forecast for the project.

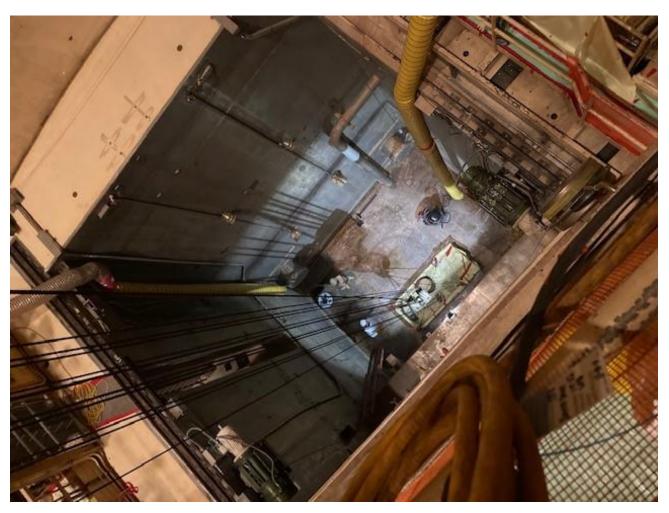
Total	·	\$540,000
	2026	\$37,179
	2025	\$48,787
	2024	\$67,446
	2023	\$105,001
	2022	\$111,297
	2021	\$101,746
	2020	\$68,544



Reactor Building Access and Roll-up Door

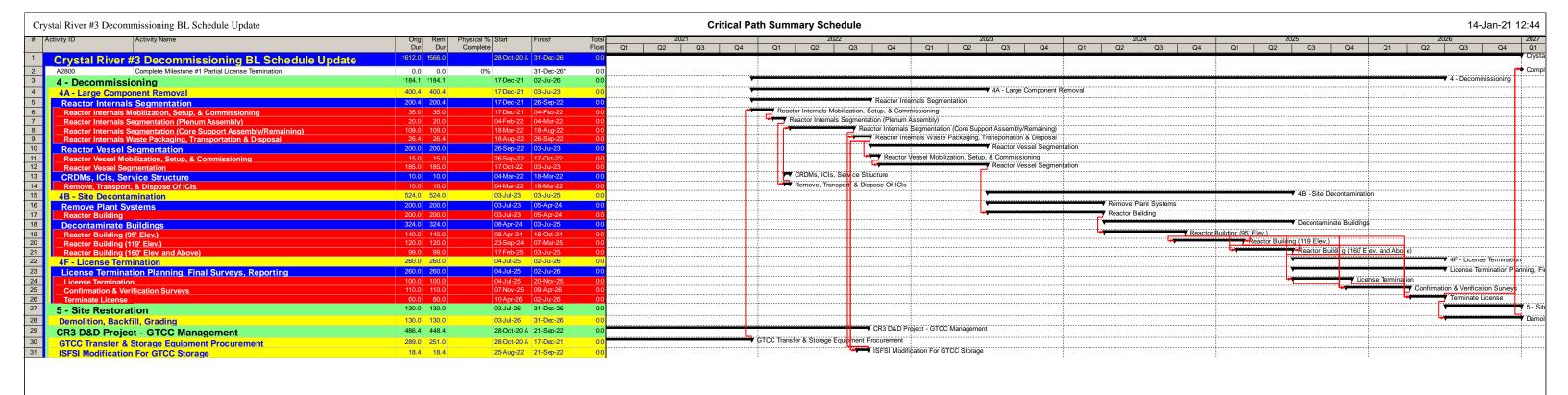


Sand Removal from Transfer Canal



Sand Removed from Transfer Canal

13-Jan-21 15:32 Crystal River #3 Decommissioning BL Schedule Update Orig Rem Dur Dur Physical % Start Complete Crystal River #3 Decommissioning BL Schedule Update ◆ Execute Pre-Closing Work Agreement Execute Pre-Closing Work Agreement 0.0 0.0 0.0 0.0 0% 28-Oct-19 A A1200 NRC License Transfer Complete / Closing ◆ NRC License Transfer Complete / Closing A2800 Complete Milestone #1 Partial License Termination 0.0 0.0 0% 31-Dec-26* ▼ 3 - Planning / Site Preparation 895.8 637.8 06-Jan-20 A 12-Jun-23 3 - Planning / Site Preparation ▼ D&D Planning & Preparations 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 **D&D Planning & Preparations** Facility Modifications & Site Preparation Facility Modifications & Site Preparation Utilities Reactivation Containment Access, Waste Handling Areas Site Characterization Site Characterization Environmental Radiological LCR & RV/RVI Planning & Engineering LCR & RV/RVI Planning & Engineering General Transition Planning/Engineering General Transition Planning/Engineering
Site/Plant Infrastructure Planning, Engineering, & Procurement Site/Plant Infrastructure Planning, Engineering, & Procurement RVI Planning, Engineering, & Procurements RVI Planning, Engineering, & Procurements RV Planning, Engineering, & Procurement RV Planning, Engineering, & Procurement ▼ LCR Engineering & Procurement ■ Balance of Plant D&D Planning Balance of Plant D&D Planning Temporary Utilities, Site Preparation Planning Temporary Utilities, Site Preparation Planning
Turbine, Condenser, Steam Generator Removal Planning ■ Turbine, Condenser, Steam Generator Removal Planning
▼ Systems; Removal and Decontamination Planning Pemolition Planning ▼ 4 - Decommissioning 4 - Decommissioning 999.0 918.0 ■ 4A - Large Component Removal 26 27 28 29 30 31 32 33 34 40 41 42 43 38 49 50 51 52 53 54 65 66 67 67 77 78 79 80 81 82 83 84 85 86 4A - Large Component Removal Reactor Internals Segmentation Reactor Internals Segmentation ▼ Reactor Internals Mobilization, Setup, & Commissioning Reactor Internals Segmentation (Plenum Assembly) Reactor Internals Segmentation (Plenum Assembly) Reactor Internals Segmentation (Core Support Assembly Remaining) Reactor Internals Waste Packaging, Transportation & Disposal Reactor Internals Waste Packaging, Transportation & Disposal Reactor Vessel Segmentation Reactor Vessel Segmentation
Reactor Vessel Mobilization, Setup, & Commissioning ▼ Reactor Vessel Mobilization, Setup, & Commissioning ▼ Reactor Vessel Segmentatio Reactor Vessel Segmentation Reactor Vessel Waste Packaging, Transportation & Disposal
CRDMs, ICIs, Service Structure
Remove, Transport, & Dispose Of CRDMs & Service Structure Reactor Vessel Waste Packaging, Transportation & Disposal CRDMs. ICIs. Service Structure Remove, Transport, & Dispose Of CRDMs & Service Structure Remove, Transport, & Dispose Of ICIs Reactor Coolant System Reactor Coolant System Reactor Coolant System Pining Reactor Coolant System Piping
Reactor Coolant System Pumps & Motors Reactor Coolant System Pumps & Motors Steam Generators Steam Generators Steam Generators Removal Steam Generators Removal ■ Steam Generators Waste P,T,&D Steam Generators Removal
Steam Generators Waste P,T,&D
Main Turbine / Generator / Condensers ■ Main Turbine / Generator / Condensers Remove Turbines and Generator Remove Condensers Remove Condensers
Cascading Demo Costs Cascading Demo Costs ▼ Large Component Removal Additional Cost Large Component Removal Additional Cost ■ Asbestos Abatement Remedial Action Surveys Remedial Action Surveys
Remove Contaminated Outdoor Piping Remove Contaminated Outdoor Piping ▼ 4B - Site Decontamination 4B - Site Decontamination Remove Plant Systems Remove Plant Systems Reactor Building Reactor Building Auxiliary Building (95' Elev.) Auxiliary Building (119' Elev. and Above) Auxilian/ Building (95' Fley) Auxiliary Building (119' E ev. and Above) med ate Building Intermediate Building Turbine Building Remove Plant Systems Waste P,T,&D Turbine Building Remove Plant Systems Waste P,T,&D Decontaminate Buildings ontaminate Buildings Reactor Building (95' Elev.) Reactor Building (119' Elev.) Reactor Building (119' Fley) Reactor Building (160' Elev. and Above) Auxiliary Building Auxiliary Building 29-Aug-22 11-Jan-24 15-Dec-23 27-Jun-24 Intermediate Building ■ Miscellaneous Site Structures ■ Decontaminate Buildings Waste P.T & D Reactor Building Waste P,T,&D ■ Auxiliary, Intermediate, and Misc Building Waste P.T.&D Auxiliary, Intermediate, and Misc Building Waste P.T.&D License Termination Planning License Termination Planning Decon Additional Costs Decon Additional Costs West Settling Pond West Settling Pond
Underground Services Excavation
Transfer Canal Sand Removal Underground Services Excavation ransfer Canal Sand Removal ▼ Remedial Action Surveys Remedial Action Surveys Tooling and Equipment Tooling and Equipment Lead Abatement ➡ 4F - License Termination 4F - License Termination License Termination Planning, Final Surveys, Reporting License Termination Planning, Final Surveys, Reporting License Termination License Termination
Confirmation & Verification Surveys Confirmation & Verification Surveys ▼ Terminate License 5 - Site Restoration 5 - Site Restoration Demolition, Backfill, Grading 1049.0 1049.0 10-Aug-20 A 25-Dec-25 Demolition, Backfill, Grading Site Restoration Additional Costs 1236.0 976.0 Site Restoration Additional Costs Firing Range Closure 88 Firing Range Closure Concrete Crushing & Security Barriers Concrete Crushing & Security Barriers Croncrete Crushing 90 91 92 ▼ CR3 D&D Project - GTCC Management 614.3 472.3 CR3 D&D Project - GTCC Management



DOCKET NO. 20190140-EI

DECOMMISSIONING QUARTERLY REPORT FROM ADP FOR QUARTER ENDING MARCH 2021



Billy E. Reid, Decommissioning Program Manager c.865.384.6789

BReid@NorthStar.com

ADP21-0007

April 14, 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 April 29, 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,

Billy E. Reid

Decommissioning Program Manager

Cc: Luke Self (ADP / NS)

Geoff Wilde (ADP / Orano)

Ivan Wilson (DEF)



Decommissioning Quarterly Report

for quarter ending

March 2021

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 January 1, through March 31, 2021.

This quarter commenced with the finishing the planning to support Large Component Removal of the Steam Generators and Turbine. Significant progress was made in Steam Generator Removal and Turbine Removal activities. 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

NRC

NUMBER	DATE	FROM PERSON	SUBJECT	NRC ACCESSION#
3F0121-01	01/19/21	Dixon	Report of Investigation Pursuant to 10 CFR 20, Appendix G.	ML21019A458
3F0121-02	01/19/21	Dixon	Request for Exemption from 10 CFR 20, Appendix G, Section III.E.	ML21019A464
3F0221-01	02/02/21	Dixon	Crystal River Energy Complex – Environmental Protection Plan Report: 2020 Sea Turtle Rescue and Recovery Summary Report	ML21039A232
3F0221-02	02/17/21	Dixon	Report of Investigation Pursuant to 10 CFR 20, Appendix G.	ML21048A033
NA	02/18/21	E. Miller	ADP CR3-Annual FFD Electronic Submittal (No letter sent)	ML21053A269
3F0221-03	02/23/21	White	DEF-Annual FFD Electronic Submittal (No letter sent)	ML21054A075
3F0321-01	03/17/21	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	Reid	Crystal River Unit 3 – License Amendment Request, Revision 0, ISFSI Security Plan, Revision A.	ML21085A750
3F0321-03	03/09/21	Dixon	Report of Investigation Pursuant to 10 CFR 20, Appendix G.	ML21068A115
3F0321-04	03/15/21	Dixon	Crystal River 3 – 2020 Individual Monitoring NRC Form 5 Report.	
3F0321-05	03/15/21	Dixon	Crystal River 3 – Onsite Property Insurance Coverage	ML21074A050
3F0321-06	03/29/21	State	Crystal River Unit 3 – Annual Decommissioning and Irradiated Fuel Management Financial Status Report for 2020	ML21088A290
3F0321-07	03/30/21	Dixon	Crystal River 3 (XEG) – DOE/NRC Forms 741, 742 and 743C (SNM Report)	ML21089A339

Environmental

Permits

- Received ERP modification for CR3 on 2/4/2021. Completed required routine inspections, documentation filed on site.
- NPDES Permit:
 - Notification to change CR3 contact information (role transition completed in EzDMR on 3/30/21, legal documentation in process, to be submitted week of 4/12/21)
 - Monthly reports (submitted electronically)
 - o Quarterly Stormwater Sample collected, to be submitted electronically in April.
- Tier II Report (Duke submitted paperwork on printed 1/12/21).
- EPA ID No. Application. Submitted on February 26th (final application recv'd by FDEP and EPA ID # assigned, formal documentation pending)

Remediation

• Introduction Presentation, (14 Jan 2021)

- Submitted Current set of work plans stamped
 - Site Investigation Work Plan
 - Quality Assurance Project Plan
 - Site Investigation Report
 - Building Characterization Work Plan
 - Building Characterization Report
 - Waste Acceptance Group Work Plan
 - AOC 12 Firing Range Remedial Action Plan
 - Interim Source Removal Plans, Submitted to FDEP on 2/9/21, Received Approval on 2/26/21
 - RCRA Treatment Application, Submitted to FDEP on 3/3/21, Approval not required per 3/9 phone communications with FDEP as material treated insitu

7.0 COMPLETED AND NEAR-TERM SCHEDULE MILESTONES

	PAY ITEM/MILESTONE	PLANNED COMPLETE	STATUS
3.1.1.1	Planning & Site Preparation Utilities Reactivation	4-31-21	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	5-28-21	90% Complete
3.1.3.5	Planning & Site Preparation LCR and RV/RVI Planning and Engineering LCR Planning and Engineering	4-16-21	94% 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 Turbine, Condenser, Steam Generator Removal Planning		100% Complete
4.A.6.4	Large Component Removal Steam Generators Steam Generator Removal	10-31-21	45% Complete
4.A.6.5	Large Component Removal Steam Generators Steam Generator Package, Transportation and Disposal	12-31-21	10% Complete
4.A.7.1	Large Component Removal Main Turbine/Generator/Condensers Turbine and Generator Removal	8-15-21	15% 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	4-30-21	50% Complete

	PAY ITEM/MILESTONE	PLANNED COMPLETE	STATUS
	Generator Bldg		
5.2.1	Site Restoration Firing Range Closure	6-9-21	20% Complete

Notes:

- ADP CR3 has determined that the Steam Generators (SGs) will be removed earlier in the schedule, prior to Equipment Hatch Modifications and Large Component Removal (LCR), in the first half of 2021. Planning, scaffolding erection, and insulation removal activities have been completed.
- 2. LCR activities will also commence later in 2021 commencing with the removal of the SG Hot Legs so support SG removal. Immediate following SG removal, Equipment Hatch Modifications and LCR will continue. Initial planning, scaffolding erection, insulation and interference removal activities for LCR have been completed.

Turbine and Legacy Turbine Removal







Steam Generator Removal





Building Demolition AC Diesel Generator Building





Firing Range Closure





ty ID Activity Name	Oriç Du		n % Com	np Start	Finish		Total	2021 2022 2023 2024 2025 2 11 Q2 Q3 Q4 Q1 Q2	2026
Crystal River #3 Decommissioning BL March 31, 2021 Schedule Update		0 1502.0		10-Aug-20	A 31-Dec-		0.0	11 02 03 04 01 02 03 04 01 02 03 04 01 02 03 04 01 02	! Q3
.2800 Complete Milestone #1 Partial License Termination	0.0	0 0.0	0 09	%	31-Dec-	26*	0.0		
B - Planning / Site Preparation		0 573.0		16-Dec-20			29.0	▼ 3 - Planning / Site Preparation	
D&D Planning & Preparations	637.0	0 573.0	0	16-Dec-20	12-Jun-	23 9	29.0	▼ D&D Planning & Preparations	
Facility Modifications & Site Preparation		0 20.0		22-Mar-21					
Utilities Reactivation		0 20.0		22-Mar-21			82.0	▼ Facility Modifications & Site Preparation ▼ Utilities Reactivation ▼ LCR & RV/RVI Planning & Engineering ▼ Site/Plant Infrastructure Planning - Engineering & Progresser	
LCR & RV/RVI Planning & Engineering		4 573.3		16-Dec-20			28.8	▼ LCR & RV/RVI Planning & Engineering	
Site/Plant Infrastructure Planning, Engineering, & Procurement		0 4.0		30-Aug-21		-21 13	90.1	▼ Site/Plant Infrastructure Planning, Engineering, & Procurement	
_RVI Planning, Engineering, & Procurements _RV Planning, Engineering, & Procurement		0 328.0 4 573.3		16-Dec-20 08-Feb-21		22 2	24.8	RVI Planning, Engineering, & Procurement RVI Planning, Engineering, & Procurements RV Planning, Engineering, & Procurement LCR Engineering & Procurement Balance of Plant D&D Planning	
LCR Engineering & Procurement		0 20.0		11-Jan-21		21 1	74.0	UCR Engineering & Procurement	
Balance of Plant D&D Planning		0 459.0		31-Mar-21		23 10	43.0	Balance of Plant D&D Planning	
Systems Removal and Decontamination Planning		0 133.0		31-Mar-21		21 8	39.0	Systems Removal and Decontamination Planning	
Demolition Planning		0 198.0		31-Mar-22			43.0	▼ Demolition Planning	
I - Decommissioning	1482.0	0 1372.0	0	05-Oct-20			30.0		- 7 4 - L
4A - Large Component Removal		0 854.0		05-Oct-20			48.0	✓ 4A - Large Component Removal Reactor Internals Segmentation	
Reactor Internals Segmentation		3 668.3		04-Jan-21			33.8	▼ Reactor Internals Mobilization, Setup, & Commissioning	
Reactor Internals Mobilization, Setup, & Commissioning		0 281.0 0 59.0		04-Jan-21			56.0 65.0	Reactor Internals Mobilization, Setup, & Commissioning Reactor Internals Segmentation (Plenum Assembly)	
Reactor Internals Segmentation (Plenum Assembly) Reactor Internals Segmentation (Core Support Assembly/Remaining)		0 59.0 0 109.0		03-Jan-22 11-Feb-22			0.0	Reactor Internals Segmentation (Core Support Assembly/Remaining)	
Reactor Internals Segmentation (Core Support Assembly/Remaining) Reactor Internals Waste Packaging, Transportation & Disposal		3 668.3		31-Mar-21			33.8	Reactor Internals Segmentation (Core Support Assembly/Remaining) Reactor Internals Waste Packaging, Transportation & Reactor Vessel Segmentation	k Dispos
Reactor Vessel Segmentation		2 358.2		08-Jun-22			33.8	Reactor Vessel Segmentation	
Reactor Vessel Mobilization, Setup, & Commissioning		2 93.2		08-Jun-22			85.0	Reactor Vessel Mobilization, Setup, & Commissioning	
Reactor Vessel Segmentation		3 219.3		29-Aug-22			0.0	Reactor Vessel Segmentation Reactor Vessel Waste Packaging, Transportation & I	5/2217221
Reactor Vessel Waste Packaging, Transportation & Disposal		3 269.3		10-Oct-22 07-Sep-21			33.8	CRDMs, ICIs, Service Structure	Jisposai
CRDMs, ICIs, Service Structure		0 200.0 0 200.0		07-Sep-21	_		88.1 88.1	Remove, Transport, & Dispose Of CRDMs & Service Structure	
Remove, Transport, & Dispose Of CRDMs & Service Structure Remove, Transport, & Dispose Of ICIs		0 200.0		10-Nov-21			69.0	Remove, Transport, & Dispose Of ICIs	
Reactor Coolant System		1 154.0		19-Oct-20			48.1	Reactor Coolant System	
Reactor Coolant System Piping	64.0	0 64.0	0	04-Aug-21	01-Nov-		48.1	Reactor Coolant System Piping	
Reactor Coolant System Pumps & Motors		1 133.0		19-Oct-20			69.1	Reactor Coolant System Pumps & Motors The Pressurizer	
		0 64.0		04-Aug-21			48.1	V Pressunzer ✓ Steam Generators	
Steam Generators		0 110.0		19-Feb-21			92.0	Steam Generators Removal	
_Steam Generators Removal Steam Generators Waste P,T,&D		0 50.0 0 110.0		19-Feb-21 08-Mar-21			92.0 ▼ 92.0	Steam Generators Waste P,T,&D	
Main Turbine / Generator / Condensers	_	0 215.0			A 25-Jan-			▼ Main Turbine / Generator / Condensers	
Remove Turbines and Generator		0 150.0		16-Mar-21			52.0	Remove Turbines and Generator	
Remove Condensers		0 85.0		29-Sep-21			87.0	▼ Remove Condensers	
Cascading Demo Costs		0 480.0		11-Mar-21	_		22.0	Cascading Demo Costs Large Component Removal Additional	
Large Component Removal Additional Cost		0 854.0		05-Oct-20			48.0		Cost
Asbestos Abatement		0 222.0 0 120.0		05-Oct-20			68.0	Paradial Action Sunaya	
Remedial Action Sur <u>veys</u> Remove Contaminated Outdoor Piping		0 120.0 0 200.0		28-Jan-21 03-Oct-23			82.0 V	Remove Contaminated Outdoor Pipin 4B - Site De	g
4B - Site Decontamination		0 1168.0		04-Feb-21			34.0	▼ 4B - Site De	contami
Remove Plant Systems		0 788.0		04-Feb-21			14.0 T	Pomovo Plant Systems	
Reactor Building		0 200.0		03-Jul-23			0.0	Reactor Building	
Auxiliary Building (95' Elev.)		0 160.0		12-May-21			43.0	Auxiliary Building (95' Elev.) Auxiliary Building (119' Elev. and Above)	
Auxiliary Building (119' Elev. and Above)		0 100.0		22-Dec-21			43.0	Auxiliary Building (119' Elev. and Above) Intermediate Building	
Intermediate Building Turbine Building		0 140.0 0 30.0		12-May-21 04-Feb-21			43.0 ▼	Turbino Dullding	
Remove Plant Systems Waste P,T,&D	_	0 400.0		26-Sep-22			14.0	Remove Plant Systems Waste P,T&D Decontaminate B	
Decontaminate Buildings		0 809.0		30-May-22	03-Jul-2	25	0.0	▼ Decontaminate B	uildings
Reactor Building (95' Elev.)		0 140.0		08-Apr-24			0.0	Reactor Building (95' Elev.)	
Reactor Building (119' Elev.)		0 120.0		23-Sep-24			0.0	Reactor Building (119' E	lev.)
Reactor Building (160' Elev. and Above)	_	0 99.0		17-Feb-25			0.0	Auxiliary Building	(100 El
_Auxiliary Building	_	0 359.0 0 140.0		01-Aug-22 17-Nov-23			85.0 85.0	Intermediate Building	
Intermediate Building Miscellaneous Site Structures	_	0 140.0		30-May-22			89.0	✓ Advantally Suitelling Intermediate Building Miscellaneous Site Structures	
Decontaminate Buildings Waste P,T & D		0 861.0		03-Jun-22			34.0	▼ Decontamina	ite Builc
Reactor Building Waste P,T,&D		0 360.0		06-May-24	_		34.0	▼ Reactor Build	ding Was
Auxiliary, Intermediate, and Misc Building Waste P,T,&D	520.0	0 520.0	0	03-Jun-22	30-May	-24 6	75.0	Auxiliary, Intermediate, and Misc Buildin	g Wastr

tivity ID Activity Name	Orig Dur		np Start	Finish	Total Float O	2021 1 Q2 Q3 Q4	2022 1 Q1 Q2 Q3 Q4	2023 Q1 Q2 Q3 Q4 Q1 Q	2024 02 Q3 Q4	2025 Q1 Q2 Q3 Q4	2026 Q1 Q2 Q3 Q4
License Termination Planning	260.0		31-Mar-21	29-Mar-22	040.0		License Term	ination Planning	_		<u> </u>
Decon Additional Costs	1005.0	974.0	16-Feb-21 A	23-Dec-24	528.0		1	mation i familing			psts
West Settling Pond	120.0	120.0	17-Oct-22	31-Mar-23	589.0		—	West Settling Pond			[
Underground Services Excavation	120.0	120.0	09-Jul-24	23-Dec-24	528.0					Underground Service	es Excavation
Remedial Action Surveys	151.0	120.0	16-Feb-21 A			▼ Re	medial Action Surveys	\$;			
Tooling and Equipment		80.0	03-Jan-23		963.0			▼ Tooling and Equipm	ent)
Lead Abatement		200.0	18-Jan-23		832.0			Lead Aba	itement		<u> </u>
4F - License Termination		260.0		02-Jul-26	0.0						
License Termination Planning, Final Surveys, Reporting	260.0	260.0	04-Jul-25	02-Jul-26	0.0					V	Licen
License Termination		140.0	04-Jul-25		60.0						
Confirmation & Verification Surveys		110.0	07-Nov-25		0.0			.,		—	Confirmati
Terminate License		60.0	10-Apr-26		0.0			<u> </u>			1erm
5 - Site Restoration	1372.0	1221.0	10-Aug-20	31-Dec-26	0.0						
Demolition, Backfill, Grading	1163.0	1163.0	10-Aug-20	31-Dec-26	0.0						
Site Restoration Additional Costs	1241.0	1090.0	23-Mar-21 A	01-Jul-26	131.0	•					Site F
Firing Range Closure	186.0	35.0	23-Mar-21 A	15-Jun-22	1186.0	•	Firing Ra	ange Closure			
Concrete Crushing & Security Barriers	499.0	499.0	02-Aug-24	01-Jul-26	131.0				—		Concr
Croncrete Crushing	480.0	480.0	02-Aug-24	04-Jun-26	131.0						
Security VBS	19.0	19.0	05-Jun-26		131.0						Secui
CR3 D&D Project - GTCC Management	509.7	408.6	28-Oct-20 A	24-Oct-22	1093.5		 	R3 D&D Project - GTCC Mar	nagement		

