

Dianne M. Triplett DEPUTY GENERAL COUNSEL

July 25, 2022

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.

Docket No. 20190140-EI

Dear Mr. Teitzman:

Enclosed for filing on behalf of Duke Energy Florida, LLC ("DEF"), please find the Decommissioning Quarterly Report received from Accelerated Decommissioning Partners (ADP) on July 18, 2022 for the quarter ending June 2022. 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/mw 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 25th day of July, 2022.

s/ Dianne M. Triplett
Attorney

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Billy E. Reid, Decommissioning Program Manager c.865.384.6789

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ADP22-0014

July 18, 2022

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 26, 2022. 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)

Nelson Langub (ADP / NS)
David Pearson (ADP / NS)
Geoff Wilde (ADP / Orano)



Decommissioning Quarterly Report

for quarter ending

June 2022

6.0

7.0

SUBMITTED AND PENDING REGULATORY SUBMITTALS......4

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, 2022.

Q2 Safety and Environmental Performance

Celebrating over 500,000 Safe Man Hours without a Recordable Lost Time Injury!

Injury/Illness Summary	2 ND Quarter 2022	YTD 2022	PTD 2022
Project Hours	78,578	161,059	522,919
First Aid Cases	2	6	11
Recordable Cases	0	0	0
Lost Workday Cases	0	0	0

- COVID 9 new cases for 2nd Quarter all returned to work
- ALARA Actual exposure to date = 7814 mrem vs budget 11,319 mrem
- Personnel Contamination = 0
- Heat Stress = 0

This quarter commenced with the continuing work on Segmentation of the Reactor Internals. The Plenum Assembly and Core Support Shield were removed and segregated. Thermal Shield cutting started in June and is forecasted to be completed in the 3rd quarter. Significant progress continued in the Turbine building, Auxiliary Building, and mobilization into the Intermediate building was completed. Planning and preparations to start in the Control Complex started and will continue into July with planned mobilization in August. Fire Service Pump House Building and the RB Maintenance Building demolition completed this quarter. Planning and preparations continued for Reactor Vessel and Vessel Internals. All chapters of the License Termination Plan have been completed and are currently in concurrent internal and independent technical review. Corrective actions continued through this quarter with respect to the Safety Conscious Work Environment. No used nuclear fuel related violations, 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. DEF has communicated that the quality of the documentation of Pay Item completion has been very good, with progress of all Pay Item being validated.

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 ORG	FROM PERSON	SUBJECT	NRC ACCESSION #
3F0122-01	01/26/22	CR3	Reid	Crystal River 3 – License Amendment Request to remove from the Facility Operating License, Appendix B, "Environmental Protection Plan (Non-Radiological) Technical Specifications"	ML22026A433
3F0122-02	01/17/22	CR3	Dixon	Crystal River Unit 3 – Proof of Financial Protection	ML22018A052
3F0122-03	01/17/22	CR3	Dixon	Crystal River Energy Complex – Environmental Protection Plan Report: 2021 Sea Turtle Rescue and Recovery Summary Report	ML22018A051
3F0222-01	02/09/22	CR3	Dixon	Updated Spent Fuel Management Plan	ML22040A134
3F0222-02	02/09/22	CR3	Dixon	Crystal River 3 – Onsite Property Insurance Coverage	ML22040A135
N/A	02/23/22	CR3	White	DEF-Annual FFD Electronic Submittal (Electronic Only Submittal -No letter sent)	ML22054A075
3F0322-01	03/30/22	CR3	State	Crystal River Unit 3 – Annual Decommissioning and Irradiated Fuel Management Financial Status Report for 2021	ML22089A163
3F0322-02	03/07/22	CR3	Dixon	Crystal River 3 – 2021 Individual Monitoring NRC Form 5 Report.	ML22066A983
3F0322-03	03/10/22	CR3	Dixon	Crystal River 3 – HHS Lab Error Investigation Report. (per 10 CFR 26.719(c)(1))	ML22069A581
3F0322-04	03/23/22	CR3	Dixon	Crystal River 3 (XEG) – DOE/NRC Forms 741, 742 and 743C (SNM Report)	ML22088A055
3F0422-01	04/06/22	CR3	Dixon	Crystal River Unit 3 – 2021 Annual Radioactive Effluent Release Report	ML22096A103
3F0422-02	04/06/22	CR3	Dixon	Crystal River Unit 3 – 2021 Annual Radiological Environmental Operating Report	ML22096A104
3F0522-01	05/17/22	CR3	Reid	Crystal River Unit 3 – Safety Analysis Report, QAPM and 10 CFR 50.59 - 10 CFR 72.48 Report – May 2020	ML22138A042
3F0522-02	05/10/22	CR3	Adix	ADP Financial Report	ML22131A303
3F0522-03	05/28/22	CR3	State	PSDAR and DCE update	ML22148A001

Environmental

Summary of Haley & Aldrich Submittals and Actions Q2 2022 (January through June)			(January through June)		
Number	Date	From Org	From Person	Subject	Submitted To
ite Investigation,	Remediation	•			
	28-Feb-22	H&A	Nadia Glucksberg	AOC 12 - Former Firing Range Interim Source Removal Report - Addendum No 1	ADP CR3
	28-Feb-22	H&A	Nadia Glucksberg	Supplemental Site Investigation Report	ADP CR3
3S0322-01	1-Mar-22	H&A	Nadia Glucksberg	AOC 12 - Former Firing Range Interim Source Removal Report Addendum No 1	FDEP
	15-Mar-22	H&A	Nadia Glucksberg	AOC 18 - Settling Basin Interim Source Removal Report	ADP CR3
	22-Feb-22	H&A	Miles van Noordennen	Building Material Summary Memorandums (Emergency Diesel Gen, Emergency Feedwater Pumphouse, Central Alarm Station 2 Building, Aux Building)	ADP CR3
	Jan-22			Collection of groundwater samples from AOC 12 and 18 to support ISRP's	
	Feb-22			Well repair for MW-6S and 6D	
	Mar-22			Collection of Coatings (two week field program)	
	May-22	H&A	Elida Danaher	Additional Well Installation and Groundwater Sampling Work Package	ADP CR3
	May-22	H&A	Nadia Glucksberg	NEI 5 Year GW Review	ADP CR3
				Conduct Field Program (May/June)	
3S0622-01	1-Mar-22	H&A	Nadia Glucksberg	Background Evaluation for Groundwater	FDEP
ermitting Suppor	t				
	2/22/2022	H&A	Nadia Glucksberg	SPCC Plan Revision	ADP CR3
	2/22/2022	ADP CR3	Elida Danaher	Annual MSGP Report	ADP CR3
		ADP CR3	Elida Danaher	Annual MSGP Report	FDEP
	3/1/2022	ADP CR3	Elida Danaher	Tier II Report	E-plan reporting system*
	Dec 2021; Jan/Feb 2022	ADP CR3	Elida Danaher	Monthly NPDES submittal - Discharge Monitoring Reports	FDEP
	2/28/2022	H&A	Bethany Brooks	Wastewater Regulatory Program and Surveillance Fee - paid	FDEP
	3/25/2022	H&A	Nick Davis	Facilitated removal of turtle reporting from license	FDEP/ADP CR3
	March 2022	H&A	Elida Danaher	Annual Toxicity Testing - testing start 3/31/22	FDEP
	March 2022	H&A	Elida Danaher	Wastewater Regulatory Program - update ADP point of contact	FDEP
•	21-Jun-22	H&A	Elida Danaher	Submitted Request for new Site Contact (Guy McCallum) for permit compliance.	FDEP
	15-Jun-22	H&A	Bethany Brooks	Storage Tank Renewal fee - paid	FDEP

7.0 COMPLETED AND NEAR-TERM SCHEDULE MILESTONES

	PAY ITEM/MILESTONE	PLANNED COMPLETE	STATUS
3.1.1.1	Planning & Site Preparation		100%
	Utilities Reactivation		Complete
3.1.1.2	Planning & Site Preparation		100%
3.1.1.2	Containment Access, Waste Handling Areas		Complete
3.1.2	Planning & Site Preparation		100%
3.1.2	Site Characterization		Complete
	Planning & Site Preparation		4000/
3.1.3.1	LCR and RV/RVI Planning and Engineering		100% Complete
	General transition Planning/Engineering		complete
	Planning & Site Preparation		4000/
3.1.3.2	LCR and RV/RVI Planning and Engineering		100% Complete
	Site/Plant infrastructure Planning and Engineering		complete
	Planning & Site Preparation		00.0/
3.1.3.3	LCR and RV/RVI Planning and Engineering	9/13/2022	90 % Complete
	RVI Planning and Engineering		
3.1.3.4	Planning & Site Preparation	5/10/2023	67%
3.1.3.4	LCR and RV/RVI Planning and Engineering		Complete

	PAY ITEM/MILESTONE	PLANNED COMPLETE	STATUS
	RV Planning and Engineering		
	Planning & Site Preparation		1000/
3.1.3.5	LCR and RV/RVI Planning and Engineering		100% Complete
	LCR Planning and Engineering		Complete
	Planning & Site Preparation		
3.1.4.1	Balance of Plant D&D Planning		100%
	Temporary Utilities, Site Preparation Planning		Complete
	Planning & Site Preparation		
3.1.4.2	Balance of Plant D&D Planning		100%
	Turbine, Condenser, Steam Generator Removal Planning		Complete
	Planning & Site Preparation		
3.1.4.3	Balance of Plant D&D Planning	7/31/2022	75% Complete
	Systems Removal and Decon Work Planning		
	Planning & Site Preparation		25% Complete
3.1.4.4	Balance of Plant D&D Planning	3/31/2023	
	Demolition Work Planning	2,02,232	
	Large Component Removal		100%
4.A.1.1	Reactor Internals Segmentation		Complete
	Reactor Internals Mobilization, Setup & Commissioning		
4.A.1.2	Large Component Removal Reactor Internals Segmentation		100%
4.A.1.2	Reactor Internals Segmentation (Plenum Assembly)		Complete
	Large Component Removal		250/
4.A.1.3	Reactor Internals Segmentation	9/30/2022	35% Complete
	Reactor Internals Segmentation (Core Support Assembly/Remaining)		Complete
4.A.3	Large Component Removal Reactor Vessel Segmentation	9/25/2022	80%
4.A.3	Reactor CRDMs, ICIs, Services Structure	8/25/2022	Complete
	Large Component Removal		
4.A.4.1	Reactor Coolant System		100% Complete
	Reactor Coolant Piping		
	Large Component Removal		
4.A.4.2	Reactor Coolant System		100%
	Reactor Coolant System Pumps and Motors		Complete
	Large Component Removal		
4.A.5	Reactor Coolant System		100%
	Pressurizer and Relief Tank		Complete
	Large Component Removal		
4.A.6.5	Steam Generators		100%
4.7 (.0.5	Steam Generator Package, Transportation and Disposal		Complete
4.A.7.1	Large Component Removal		100%

	PAY ITEM/MILESTONE	PLANNED COMPLETE	STATUS
	Main Turbine/Generator/Condensers		Complete
	Turbine and Generator Removal		
4.A.7.1	Large Component Removal Condenser Removal	9/30/2022	42% Complete
4.B.1.2	Site Decontamination Remove Plant Systems Auxiliary Building elev 95'	4/06/2023	42% Complete
4.B.1.3	Site Decontamination Remove Plant Systems Auxiliary Building elev 119'	4/06/2023	16% Complete
4.B.1.5	Site Decontamination Remove Plant Systems Turbine Building	12/31/2022	70% Complete
4.B.4	Site Decontamination Decontaminate Buildings License Termination Planning	7/31/2022	94% Complete
4.B.5.1	Site Decontamination Decontaminate Buildings West Settling Pond Remediation	8/31/2022	90% Complete
4.B.5.3	Site Decontamination Decontaminate Buildings Transfer Canal Sand Removal		100% Complete
5.1.2	Site Restoration Demolish Miscellaneous Site Structures Diesel Generator Building		100% Complete
5.1.2	Site Restoration Demolish Miscellaneous Site Structures Alternate AC Diesel Generator Bldg Demo		100% Complete
5.1.2	Site Restoration Demolish Miscellaneous Site Structures Fire Pump House Building		100% Complete
5.1.2	Site Restoration Demolish Miscellaneous Site Structures RB Maintenance Bldg Demo		100% Complete
5.2.1	Site Restoration Firing Range Closure		100% Complete

Notes:

Progress Photos

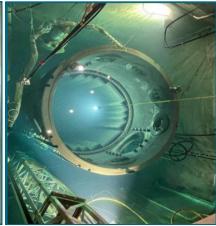
Large Component Removal Work

RVI Segmentation

Core Support Shield Seperation





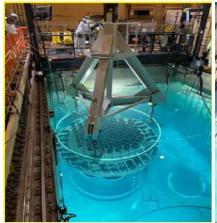


GTCC Preparations

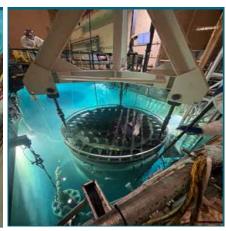




Relocation of Plenum into Core Support Assembly







Cutting Grout Holes in Plenum





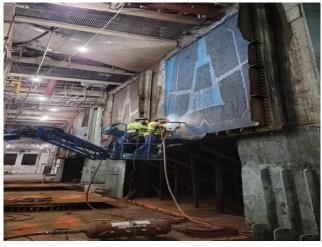
Completion of CSS Seperation Cuts







Condenser Removal





<u>Site Decon – Remove Plant Systems</u>

Auxiliary Building Systems Removal

Make-up Piping Room (Rainforest Room)







Make-up Pumps+VA







Laundry Shower Tank, Sumps and Pumps





South Hallway







WDCP-3 & MTMC-19 & 6







RMA 6





Turbine Building Systems Removal







<u>Site Restoration – Building Demolition</u>

Fire Service Pumphouse Bldg Demo







RB Maintenance Building Demo











