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May 16, 2025

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 2024 Project Annual Report received from Accelerated Decommissioning Partners ("ADP") dated May 6, 2025. 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 and if you have any questions, please feel free to contact me at (850) 521-1425.

Respectfully,

/s/ Stephanie A. Cuello

Stephanie A. Cuello

SAC/clg
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 16th day of May, 2025.

/s/ Stephanie A. Cuello

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Crystal River Unit 3 (CR3) Decommissioning Project 2024 Duke Energy Annual Report

May 06, 2025

This report was prepared in accordance with the Decommissioning Services Agreement (DSA) between Duke Energy Florida (DEF), LLC and Accelerated Decommissioning Partners (ADP), LLC. After approval, this report will be provided to the Florida Public Service Commission as directed by order number PSC-2020-0289-FOF-EI.

Executive Summary:

ADP worked safely in 2024 with 0 OSHA recordable accident, no used fuel storage or security incidents and no environmental events.

No reports were made by the Nuclear Regulatory Commission (NRC).

A. Summary of events, defined in attachment 9 section A, ADP made to DEF in 2024

There were no events requiring notification by ADP to DEF.

B. Summary of the quarterly information ADP provided to DEF by ADP in 2024

The quarterly reports and face-to-face meetings between ADP and DEF highlighted the following:

- ADP had no used fuel storage or security related issues in 2024.
- ADP had 0 OSHA recordable injuries.
- Both parties complied with all the requirements, including deliverables, in the DSA.
- There were no pay disputes in 2024.
- There were no issues that were elevated to levels of management beyond those leaders at the site for resolution.
- ADP provided quarterly schedule updates and regulatory – related activities to DEF during the year.
- The concern related to safety conscious work environment was resolved to the satisfaction of the NRC. During the 3Q/4Q 2024 decommissioning inspection results, NRC inspectors determined that the site had an appropriate focus on a safety conscious work environment and that employees were free to raise concerns.

Crystal River Unit 3 (CR3) Decommissioning Project 2024 Duke Energy Annual Report

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There was one area of performance that was discussed in the quarterly meetings.

- Continued focus on minimizing Personnel Contamination Events (PCE).

ADP continues to address PCE to shoes by changing outer rubber to heavy boots and using different material from paper for inner covers. The PCE to shoes will continue to be monitored throughout 2025 as it has proved effective on lowering those types of PCEs.

C. Summary of Schedule Performance

- On January 1, 2024, the decommissioning project was 64.25% complete with a baseline target completion of 64.19%.
- On December 31, 2024, the decommissioning project was 80.98% complete with a baseline target completion of 81.81%. ADP was slightly behind baseline schedule at the end of 2024.
- The decommissioning project baseline target for December 31, 2025, is 92.60%.
- ADP estimates that Milestone 1 conditions will be met in the 3rd quarter of 2027.

D. Summary of Cost Performance

- ADP submitted twelve monthly invoices in 2024 totaling \$90,323,462.
- DEF owner's cost in 2024 was \$1,297,815.
- During calendar year 2024, \$1,317,703 was disbursed from the Nuclear Decommissioning Fund (NDF) for DEF costs and \$82,608,560 for ADP payments for a total of \$83,926,263.
- The NDF balance on December 31, 2024 was \$314,269,523 not including the non-qualified portion of the fund.
- The NDF withdrawals were for DEF costs and ADP payments from the November 2023 invoice through the August 2024 invoice. Due to the timing of the invoice payment process and the NDF reimbursement process, the payments do not match the 2024 invoice total.
- It is estimated that ADP will invoice DEF \$69,027,300 for the calendar year 2025 and DEF owner costs are estimated to be \$1,733,713. It is estimated that \$ 62,039,403 will be disbursed from the NDF in 2025.
- The provisional trust balance on December 31, 2024 was \$21,455,654. The provisional milestone balance on December 31, 2024 was \$26,595,199.