



ADP CR3, LLC
CR3 Decommissioning

15760 West Power Line Street | Crystal River, FL 34428

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3F0623-01

10 CFR 20, Appendix G

June 1, 2023

Mr. Raymond K. Lorson
Regional Administrator, Region 1
U.S. Nuclear Regulatory Commission
475 Allendale Rd, Suite 102
King of Prussia, PA 19406

Subject: Report of Investigation Pursuant to 10 CFR 20, Appendix G
Crystal River 3 Nuclear Power Station
Docket Number 50-302
License Number DPR-72

Dear Sir or Madam,

This letter documents the results of an investigation performed with respect to the transportation of 3 shipments in (2) rail cars, 1 containing UN2912 LSA-I materials and 1 containing UN3321 LSA-II materials, which exceeded the 45 day time limit for notification of receipt from the disposal facility as specified in 10 CFR Part 20, Appendix G, as exempted. The investigation, which was completed on June 1, 2023, determined that the railroad logistics contractor, I.C.E Service Group, traced the shipments daily. The disposal facility, Waste Control Specialists (WCS), and the Crystal River 3 waste operations personnel received daily updates from the various carriers such as Florida Northern Railroad (FNR), CSX Transportation (CSXT), Texas-New Mexico Railroad (TXN) and Union Pacific (UP).

10 CFR 20, Appendix G, "Requirements for Transfers of Low-Level Radioactive Waste Intended for Disposal at Licensed Land Disposal Facilities and Manifests," Section III.A(9) states for any shipments or any part of a shipment for which acknowledgment of receipt has not been received within the times set forth in this appendix, conduct an investigation in accordance with Section III.E of this appendix.

Section III.E states that any shipment or part of shipment for which acknowledgement is not received within the times set forth in this section must:

1. Be investigated by the shipper if the shipper has not received notification or receipt within 20 days after transfer (45 days in accordance with the current exemption for Crystal River 3 per ML21028A590); and
2. Be traced and reported. The investigation shall include tracing the shipment and filing a report with the nearest Commission Regional Office listed in Appendix D to



this part. Each licensee who conducts a trace investigation shall file a written report with the appropriate NRC Regional Office within 2 weeks of completion of the investigation.

Investigation

On April 13, 2023, 3 shipments in (2) rail cars containing radioactive materials UN2912 LSA-I and UN3321 LSA-II departed from the Crystal River 3 site at 15760 Power Line Street in Crystal River, Florida to Waste Control Specialists, LLC in Andrews Texas.

The rail cars were released to the first railroad carrier (Florida Northern Railroad) on the date identified above. After release from the Crystal River 3 site, rail cars ITFX 8124 and WTEX 9994 were transported for 48 days before the shipments were received at the disposal facility on 5/31/2023. The shipments were placed at the disposal facility by the rail carrier on April 29, 2023; however, were not officially received until 5/31/2023.

Crystal River 3 and Waste Control Specialists, LLC received daily tracking reports from the railroad logistics contractor, I.C.E Service Group, for all waste shipments transported by rail from the Crystal River 3 Site. The location of the subject shipments was verified and traced until receipt at the destination facility. Crystal River 3 and Waste Control Specialists, LLC tracked the progress of the shipment through the daily trace reports. At no time were the shipments lost or in an unknown location.

Below is the summary for the rail shipments that exceeded the time provided in 10 CFR 20, Appendix G (as exempted). The summary includes the shipment identification (Manifest) numbers, rail car identification (ID) numbers, shipment date, date of receipt at the waste disposal facility, and the total number of days the shipments were in transit.

| Manifest Number | Rail Car ID Number | Date Shipped | Date Received at Waste Control Specialists, LLC. | Total Days In Transit |
|--------------------------------------|---------------------------|---------------------|---|------------------------------|
| NS-CR3-23-013 | ITFX 8124 | 4/13/2023 | 5/31/2023 | 48 |
| OR-CR3-23-014(A) OR-CR3-23-014(B) | WTEX 9994 | 4/13/2023 | 5/31/2023 | 48 |

The subject transit time has been documented in Condition Report CR 2023000081; corrective actions, as appropriate, are being tracked in this Condition Report.

This letter contains no new regulatory requirements.

Should you have any questions concerning this letter, please contact Mr. John T. Jernigan at (352) 224-1200, Ext 2998.



Sincerely,

Billy E. Reid

Billy Reid
Site Executive

BER/jtj

cc: NMSS Project Manager
Regional Administrator, Region 2
Regional Administrator, Region I