



ADP CR3, LLC

Crystal River Nuclear Plant
2760 South Falkenburg Rd
Riverview FL, 33578
Docket 50-302
Docket 72-1035
Operating License No. DPR-72

10 CFR 20, Appendix G

February 17, 2021
3F0221-02

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

Subject: Crystal River 3 – Report of Investigation Pursuant to 10 CFR 20, Appendix G.

Dear Sir:

This letter documents the results of an investigation performed with respect to the transportation of three (3) rail cars, containing UN2912 LSA-1 materials, all of which exceeded the 20 day time limit for notification of receipt from the disposal facility as specified in 10 CFR Part 20, Appendix G. The investigation, which was completed on February 15, 2021, determined that the railroad logistics contractor, I.C.E Service Group, traced the shipments on a daily basis. The disposal facility, Waste Control Specialists (WCS), and the Crystal River 3 waste operations personnel received daily updates for 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; 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 January 12, 2021, two (2) rail cars containing radioactive materials UN2912 LSA-I departed from the Crystal River 3 site at 15760 Power Line Street in Crystal River, Florida to Waste Control Specialists, LLC in Andrews Texas.

On January 19, 2021, one (1) rail car containing radioactive materials UN2912 LSA-I 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 dates identified above. After release from the Crystal River 3 site, rail car ITFX 8109 was transported for 23 days before the shipment was received at the disposal facility on 2/4/2021. Rail car ITFX 8111 was transported for 23 days before shipment was received at the disposal facility on 2/4/2021. Rail car SOXX 20240 was transported for 22 days before shipment was received at the disposal facility.

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 shipments 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. The summary includes the shipment identification numbers, rail car identification (ID) numbers, shipment dates, date of receipt at the waste disposal facility and the total number of days the shipments were in transit.

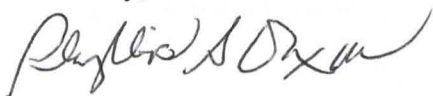
Shipment Number	Rail Car ID Number	Date Shipped	Date Received at Waste Control Specialists, LLC.	Total Days In Transit
NS-CR3-21-001	ITFX 8109	1/12/2021	2/4/2021	23
NS-CR3-21-002	ITFX 8111	1/12/2021	2/4/2021	23
OR-CR3-21-001	SOXX 20240	1/19/2021	2/9/2021	22

The general issue of rail transit times has been documented in Condition Report CR 2021-009; corrective actions, as appropriate, are being tracked in this Condition Report.

This letter contains no new regulatory commitments.

If you have any questions regarding this submittal, please contact Mr. Mark Van Sicklen, Licensing Manager, at (352) 436-5572.

Sincerely,



Phyllis A. Dixon, ISFSI Manager

PAD/mvs

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