



ADP CR3, LLC

Crystal River Nuclear Plant  
2760 South Falkenburg Rd  
Riverview FL, 33578  
Docket 50-302  
Docket 72-1035  
Docket 71-332  
Operating License No. DPR-72

## 10 CFR 20, Appendix G

July 13, 2021  
3F0721-01

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 or Madam:

This letter documents the results of an investigation performed with respect to the transportation of (1) rail car, containing UN2913 SCO-1 materials, exceeding 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 July 12, 2021, determined that the railroad logistics contractor, I.C.E Service Group, traced the shipment 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 (45 days in accordance with the current exception for CR3, Docket Number 50-302 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 May 14, 2021, Rail (1) rail car containing radioactive materials UN2913 SCO-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 car was released to the first railroad carrier (Florida Northern Railroad) on the date identified above. After release from the Crystal River 3 site, rail car ITFX 8003 was transported for 56 days before the shipment was received at the disposal facility on 7/9/2021.

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 shipment 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 was the shipment lost or in an unknown location. The shipment was placed at the disposal facility by the rail carrier in early June. Disposal facility equipment issues attributed to the delay in receipt.

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

Shipment Number	Rail Car ID Number	Date Shipped	Date Received at Waste Control Specialists, LLC.	Total Days In Transit
NS-CR3-21-017A	ITFX 8003	5/14/2021	7/9/2021	56

This issue has been documented in Condition Report CR 2021-075; 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