

Duke Power Company
Catawba Nuclear Generation Department
4800 Concord Road
York, SC 29745

D. L. REHN
Vice President
(803)831-3205 Office
(803)831-3000 FAX



DUKE POWER

February 28, 1994

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555

Subject: Catawba Nuclear Station
Docket 50-413 and 50-414
Special Report Concerning Licensee Investigation
Into Delayed Receipt of Shipment Confirmation

Pursuant the requirement of 10 CFR 20.2006(d), find attached a Special Report concerning our investigation into the delayed receipt of shipment confirmation. This incident involved a shipment of Dry Active Waste (DAW) which left Catawba Nuclear Station (CNS) on December 10, 1993, being shipped to ALARON Corporation.

Any questions concerning the contents of this report may be directed to Z. L. Taylor, 803-831-3812.

Very truly yours,

A handwritten signature in black ink, appearing to read 'DL Rehn', written over a horizontal line.

D. L. Rehn

KEN\SR022894.DAW

Attachment

xc: S. D. Ebnetter
Regional Administration, Region II

R. E. Martin, ONRR

R. J. Freudenberger, SRI

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**DUKE POWER COMPANY
CATAWBA NUCLEAR STATION
DOCKET 50-413 AND 50-414
SPECIAL REPORT
PIP 0-C94-0100**

10 CFR 20.2006(d) requires each person involved in the transfer for disposal and disposal of low-level radioactive waste, include the waste generator, waste collector, waste processor, and disposal facility operator, shall comply with the requirements specified in section III of appendix F to 10 CFR 20.1001-20.2401. Section III D.1 of appendix F requires, in part, the land disposal facility operator to acknowledge receipt within 1 week. Sections III A.8 and E.1 of appendix F requires any generating licensee who transfers waste to a licensed waste processor to conduct an investigation of any shipment for which acknowledgment of receipt has not be received with 20 days after transfer. Appendix F, Section III. E.2. requires a report to be submitted within 2 weeks of completion of the investigation.

A shipment of radioactive DAW to ALARON Corporation for waste processing left CNS on December 10, 1993. CNS received manifest receipt verification from ALARON on January 11, 1994. A Radiation Protection (RP) technician noticed that more than 20 days had elapsed between the shipment date and confirmation date, and immediately notified the RP/RMS supervisor. RP management notified NRC Inspector Dan W. Jones, who was on-site for a routine inspection, that an investigation had not been initiated within the time allotted by the above requirements. This incident is documented in NRC Inspection Report 413,14/94-03 as a non-cited violation (NCV 50-413,414/94-03-01).

Sequence of Events

12/10/93 Shipment of DAW to ALARON Corporation left CNS

12/13/93 Shipment of DAW from CNS was received by ALARON

12/22/93 ALARON dated confirmation of receipt

12/23/93 Postmark on confirmation of receipt from ALARON

01/11/94 CNS/RP technician received confirmation of receipt. CNS investigation began.

01/12/94 RP supervisor contacted ALARON of this incident. ALARON initiating investigation, also.

02/14/94 CNS investigation concluded.

The investigation documented in Problem Investigation Process (PIP) #0-C94-0100, which concluded on February 14, 1994, has shown that the confirmation of receipt may have been on site within the time frame, however, Radiation Protection violated 10 CFR 20.1001, Appendix F, Section E by not initiating an investigation when the confirmation of receipt was not received within the 20 days after shipment.

The root cause of this was found to be that HP/0/B/1006/01, Shipment of Radioactive Material, did not provide the user with information concerning the 20 day receipt acknowledgement requirement. A review of shipping procedures found that the 20 day requirement was included in all shipping procedures with the exception of HP/0/B/1006/01 and HP/0/B/1001/10, Shipment of Solidified Waste.

Immediate corrective actions included initiation of procedure changes for HP/0/B/1006/01 and HP/0/B/1006/10 to provide guidance for the initiation of an investigation after 20 days in compliance with 10 CFR 20. The procedure change for HP/0/B/1006/01 was approved on January 13, 1994. The procedure change for HP/0/B/1006/10 will be approved prior to being used in the shipment of solidified waste.