

DUKE POWER COMPANY

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NUCLEAR PRODUCTION

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June 28, 1983

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Ms. E. G. Adensam, Chief
Licensing Branch No. 4

Re: Catawba Nuclear Station
Docket Nos. 50-413 and 50-414

Dear Mr. Denton:

Elinor G. Adensam's letter of May 31, 1983 transmitted a draft technical evaluation report (DTER) on control of heavy loads at Catawba. The following responses are provided to address specific comments in the DTER.

1 - Section 2.3.1 - Safe Load Paths

Duke agrees to use temporary markers and a spotter to walk in front of any heavy load lift, in lieu of painting safe load paths on floors.

2 - Section 2.3.2 - Procedures

Duke will include the requirements for safe load paths in both new and existing procedures pertaining to heavy load lifts.

3 - Section 2.3.3 - Crane Operator Training

Duke will maintain suitable records of crane operator training.

4 - Section 2.3.4 - Special Lifting Devices

Investigation of special lifting devices is underway with the vendors. A subsequent report will be provided by August 15, 1983.

5 - Section 2.3.5 - Lifting Devices (Not Specially Designed)

Cranes and hoists purchased for use at the Catawba Nuclear Station have maximum full load speeds of the hoist of 20 feet per minute.

6 - Section 2.3.6 - Cranes (Inspection, Testing, and Maintenance)

Duke will comply with the requirements of ANSI B30.2, Chapter 2-2 pertaining to inspection, testing, and maintenance requirements. Records will be developed to show that each crane or hoist is in compliance.

Mr. Harold R. Denton, Director
June 28, 1983
Page 2

7 - Section 2.3.7 - Crane Design

A comparison of the Westinghouse Specification for the manipulator cranes with CMAA-70 and ANSI B30.2 reveals that these devices meet both specifications with the following exception:

Welding is done in conformance with ASW D14.1 "Specification for Welding Industrial and Mill Cranes" and not AWS D2.0-66 "Specification for Welded Highway and Railway Bridges" as required by ANSI B30.2.

We are still investigating the Codes and Standards that apply to R011 and R012. Since these cranes are designed in accordance with EOCI-61, further study will be necessary to compare this with CMAA-70. A followup response will be provided by August 15, 1983.

Very truly yours,

Hal B. Tucker

Hal B. Tucker

by PHB

ROS/php

cc: Mr. James P. O'Reilly, Regional Administrator
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