

January 30, 2002

Mr. M. Reddemann  
Site Vice President  
Kewaunee and Point Beach Nuclear Plants  
Nuclear Management Company, LLC  
6610 Nuclear Road  
Two Rivers, WI 54241

Dear Mr. Reddemann:

On January 3, 2002, the NRC completed an inspection of the loading of the thirteenth and fourteenth dry fuel storage casks at your Point Beach Nuclear Generating Plant. The results of this inspection were discussed with members of your staff on January 3, 2002. The enclosed report presents the results of that inspection.

The purpose of the inspection was to observe various portions of the dry fuel cask loading program.

Based on the results of this inspection, no violations of NRC requirements were identified. Overall, the loading of the thirteenth and fourteenth dry fuel storage casks was performed well.

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We will gladly discuss any questions you have concerning this inspection.

Sincerely,

*/RA/*

Bruce L. Jorgensen, Chief  
Decommissioning Branch

Docket No. 07200005

Enclosure: Inspection Report 0720005/2002-001

See Attached Distribution

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M. Reddmann

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Region III

Docket No. 07200005

Report No. 07200005/2002-001(DNMS)

Licensee: Wisconsin Electric Power Company

Facility: Point Beach Nuclear Plant, Units 1 & 2

Location: 6610 Nuclear Road  
Two Rivers, WI 54241

Dates: January 2 - January 3, 2002

Inspector: Ross B. Landsman, Project Engineer

Approved by: Bruce L. Jorgensen, Chief  
Decommissioning Branch  
Division of Nuclear Materials Safety

## **EXECUTIVE SUMMARY**

### **Point Beach Nuclear Generating Plant, Unit 1 & 2 Point Beach Inspection Report 07200005/2002-001(DNMS)**

This inspection included direct observation by the inspector of various portions of the loading of the thirteenth and fourteenth dry fuel storage casks. Overall, the loadings were performed well.

## Report Details

### **1.0 Loading of the Thirteenth and Fourteenth Casks**

a. Inspection Scope (60855)

The inspector observed various portions of the loading of the thirteenth and fourteenth casks to verify compliance with the applicable sections of the loading procedures.

b. Observations and Findings

The majority of procedural tasks were completed correctly during the two loadings. Safety concerns were reinforced by the team. Problems that occurred were quickly brought to the attention of management. Sound decisions were made throughout the loading. Radiation protection activities and controls were good. Good communication between workers and health physics personnel was evident, and workers exhibited good radiation worker practices.

A problem occurred during welding of the structural lid for the fourteenth cask. During welding of the seventh pass out of fourteen required, the control wires for the automatic welding system got hung up on the vent and purge manifold of the cask and caused the automatic welder to slow down and deposit excess wire into the weld area. Due to the inattentiveness of the welders, this eventually pulled the welding machine off its track. The weld torch went into the weld, which melted the torch cup into the weld. Corrective action included removing all material down to the sixth pass to ensure that any flaws were removed that may have occurred as the weld machine began to slow. Visual and dye penetrant exams were completed after excavation with no indications identified. The final acceptance of the weld however, was based upon successful completion of the ultrasonic volumetric exam which was performed upon completion of the structural lid to shell weld.

c. Conclusions

The loading of the thirteenth and fourteenth casks demonstrated a thorough understanding of the procedures and activities by the cask team.

### **2.0 Exit Meeting Summary**

The inspector presented the inspection results to members of licensee management at an exit meeting on January 3, 2002. The licensee did not identify any information discussed as being proprietary.

#### **PARTIAL LIST OF PERSONS CONTACTED**

J. F. Becka                      Dry Storage Supervisor

#### **INSPECTION PROCEDURE USED**

IP 60855:                      Operation of an Independent Spent Fuel Storage Installation