



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

FEB 14 1989

Project No. M-44  
Docket Nos. 50-266, 50-301

MEMORANDUM FOR: Leland C. Rouse, Branch Chief  
Fuel Cycle Safety Branch  
Division of Industrial and  
Medical Nuclear Safety, NMSS

FROM: John P. Roberts, Section Leader  
Irradiated Fuel Section  
Fuel Cycle Safety Branch  
Division of Industrial and  
Medical Nuclear Safety, NMSS

SUBJECT: MEETING WITH PACIFIC SIERRA NUCLEAR ASSOCIATES AND  
WISCONSIN ELECTRIC POWER COMPANY

DATE/TIME: February 9, 1989, 9:00 am

LOCATION: Rm 6-B-11, One White Flint North Building, Rockville,  
Maryland

ATTENDEES: See Enclosure

PURPOSE: To discuss the Nuclear Packaging (NuPac) Topical Report (TR)  
on the CP-9 concrete cask, and a new ventilated concrete  
cask design TR to be associated with a license application  
from Wisconsin Electric Power Company (WEPCO).

DISCUSSION:

The NuPac TR for the CP-9 is to be turned over to Pacific Nuclear Sierra Associates (PSNA), a partnership involving Pacific Nuclear, parent company of NuPac, and Sierra Nuclear Associates. However, after discussion of responses to NRC staff questions and proposed PSNA structural modeling and temperature limits to satisfy NRC staff review concerns, the issue of the latest changes in 10 CFR Part 170 was raised. Since the bulk of the CP-9 review remains to be done, and since all NRC staff review costs are fully recoverable, we expect to receive shortly a letter withdrawing the TR for the CP-9.

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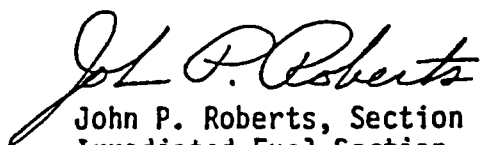
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Leland C. Rouse

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The ventilated concrete storage cask was described by PSNA. It would have a capacity of 24 PWR or 56 BWR assemblies. It is expected to be dimensionally compatible with one of the Department of Energy sponsored transportation fleet casks. That is to say the welded-seal, steel canister within the concrete cask has dimensions of 62 inches diameter by 170 to 181 inches length, which would potentially allow it to fit within a transportation cask preliminary design from NuPac. Submittal of the PSNA TR is expected by late February or early March 1989.

The associated WEPCO license application under 10 CFR Part 72 for Point Beach plant site dry storage is expected by early 1990. (A Part 72 license application for Consumers Power's Palisades plant site dry storage is also being prepared for this same ventilated concrete cask design, we were told.) Criticality analysis for this cask design will be performed in the WEPCO application on a site-specific basis. WEPCO seeks to have dry storage capacity available in 1993.



John P. Roberts, Section Leader  
Irradiated Fuel Section  
Fuel Cycle Safety Branch  
Division of Industrial and  
Medical Nuclear Safety, NMSS

Enclosure:  
Attendance List

cc: Attached list

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ATTENDEES

John P. Roberts	NMSS/IMSB
Fritz C. Sturz	NMSS/IMSB
John R. Stokley	SAIC
John V. Massey	PSN
Thomas G. Malanowski	WEPCO
Dave Zabransky	WEPCO
Steve R. Ruffin	NMSS/IMSB
Warren H. Swenson	NRR/PD33
Steve Nunez	PSN
James F. Schneider	NMSS/IMSB
Roger Shingleton	PSN
Stephanie Sharron	SERCH
K. C. Leu	NMSS/IMSB

Mr. C. W. Fay  
Wisconsin Electric Power Company

Point Beach Nuclear Plant  
Units 1 and 2

cc:

Mr. Bruce Churchill, Esq.  
Shaw, Pittman, Potts and Trowbridge  
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Mr. James J. Zach, Manager  
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Town of Two Creeks  
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