

MAY 20 1988

MEMORANDUM FOR: Leland C. Rouse, 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

SUBJECT: *RD-8-2* Meeting with Nuclear Assurance Corporation (NAC)
GENERAL

DATE/TIME: May 18, 1988; 10:00 a.m.

LOCATION Room 6-B-13, One White Flint North Building, 11555 Rockville
Pike, Rockville, MD

ATTENDEES:

NRC	DOE
J. Roberts	A. Wells
F. Sturz	
K. Leu	
J. Schneider	

PURPOSE: To discuss submittal of a new NAC dry spent fuel storage cask
design topical report (TR).

DISCUSSION:

NAC has plans to submit a TR for a storage cask with a capacity of 31
pressurized water reactor (PWR) assemblies. The cask body is the same design
submitted previously for the NAC Storage/Transport cask (docketed under
Project No. M-40), a stainless steel and lead cask with a solid neutron shield
and a capacity of 26 PWR assemblies. However, a new cask fuel basket is
designed to take allowance for burnup credit. NAC expects to submit this TR in
mid-July 1988.

Subsequently, NAC plans to resubmit its cask design for storage of consolidated
fuel rods (docketed under Project No. M-51). This cask design has 28 positions
for storage in its fuel basket. NAC intends to seek approval for storage of
28 intact PWR fuel assemblies taking credit for burnup allowance in a revised
criticality design. Submittal of this TR is planned for mid-October 1988.

Structural aspects of the 31 assembly fuel basket design were discussed. These
may affect cask impact limiter design.

Original Signed By

John P. Roberts, Section Leader
Irradiated Fuel Section
Fuel Cycle Safety Branch

DISTRIBUTION:

NRC File Center PDR NMSS R/F IMIF R/F IMNS Central File NMSS R/F
LCRouse JPROberts FLBrown Beveridge/Cornell 1-23 FSturz KLeu
RECunningham GSjoblom JSchneider

OFC: IMIF

NAME: JPROberts:lg

DATE: 5/20/88

OFFICIAL RECORD COPY

8806080235 880520
PDR PROJ
M-40

PDR

*RD-8-2
GENERAL*