



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

Hdqtrs. PDR

RES

SEP 18 1978

MEMORANDUM FOR: Those on Attached List

FROM: W. V. Johnston, Chief
Fuel Behavior Research Branch

SUBJECT: TRANSMITTAL OF MONTHLY REPORT BY NRC RESIDENT
ENGINEER AT KERNFORSCHUNGSZENTRUM, KARSRUHE,
GERMANY

Enclosed is the tenth of a series of reports to be provided to NRC/RSR by Mr. Walter Murfin, resident scientist from Sandia Laboratories assigned to KfK in Germany. Mr. Murfin's principal responsibility at KfK is active participation in Projekt Kernschmelzen (core meltdown research project). These reports are his vehicle for describing progress in that program.

Mr. Murfin also maintains cognizance to the extent possible of other safety research at German facilities of interest to NRC/RSR including:

- LWR fuel rod behavior
- experimental techniques for measuring twophase flow
- jointly sponsored (US, FRG, Japan) experiments on upper plenum thermal hydraulics.

Your comments on the contents of the reports are transmitted to Mr. Murfin, or you may contact him directly.

Mr. Murfin will now be transmitting his report bi-monthly instead of monthly.

W. V. Johnston, Chief
Fuel Behavior Research Branch
Division of Reactor Safety Research

Enclosure:
June and July 1978 Bi-monthly Report

cc w/o encl.:
W. Murfin, KfK

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