



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

Hdqtrs. PDR

JUN 22 1978

RES

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 ninth of a series of monthly 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). The monthly report is 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 two-phase flow
- jointly sponsored (US, FRG, Japan) experiments on upper plenum thermal hydraulics.

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

William V Johnston

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

Enclosure:
May 1978 Monthly Report

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

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