INTERIM REPORT

ACCESSION	17.

ORNL/MCD/NEES-80/4

Project Title:

Nondestructive Examination Evaluation Support

Type of Document:

Monthly Progress Report April 1980

Author(s), Affiliation, and Address:

J. H. Smith Metals and Ceramics Division*

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NRC Individual and NRC Office or Division to Whom Inquiries Should be Addressed:

on D. Sellers
Materials Engineering Branch

This document was prepared primarily for preliminary or internal use. It has not received full review and approval. since there may be substartive changes, this document should not be considered final.

Prepared for
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555
Under Interagency Agreement DOE 40-544-75
NRC FIN No. BO233

*Oak Ridge National Laboratory
Oak Ridge, Tennessee 37830
operated by
Union Carbide Corporation
for the
U.S. Department of Energy

INTERIM REPORT

NRC Research and Technical

Monthly Report for April 1980

PROGRAM TITLE: Nondestructive Examination Evaluation Support

PROGRAM MANAGER: Robert W. McClung

nate and improved inspection techniques.

ACTIVITY NUMBER: ORNL 41 88 54 40 4 (FIN No. BO233)/B&R No. 20 19 01 02 OBJECTIVE:

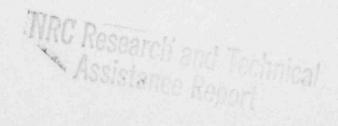
To provide an independent evaluation of the results of nondestructive examination on components of operating nuclear power plants and of the state-of-the-art NDE techniques, and to provide recommendations for alter-

TECHNICAL HIGHLIGHTS:

A presentation was made at the Program Mid-Year Review in Bethesda, Maryland, on April 16. The activities and expenditures on this *program (Nondestructive Examination Evaluation Support) were summarized over the first half of the fiscal year.

A visit was made to the Three-Mile Island Reactor in Middletown, Pennsylvania, on April 17. Ultrasonic inspection procedures and associated metallographic examinations were reviewed. A report summarizing the visit was written to V. Noonan.

We participated in several telephone calls, including a conference call with NRC personnel to discuss the ultrasonic inspection of General Electric turbine wheels.



FINANCIAL STATUS: (\$000)									
Financial Plan FY 1980 .									78
Costs through March								31.2	
Costs in April								4.4	
Total								35.6	
Balance .									42.4

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 - V. Noonan, Engineering Branch Chief, Division of Operating Reactors, U.S. Nuclear Regulatory Commission, Mail Stop 440, Washington, DC 20555
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