

INTERIM REPORT

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Analysis

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NRC Research and Technical
Assistance Report

OAK RIDGE NATIONAL LABORATORY
Oak Ridge, Tennessee 37830
operated by
UNION CARBIDE CORPORATION
for the
DEPARTMENT OF ENERGY

INTERIM REPORT

8005270 027

OAK RIDGE NATIONAL LABORATORY MONTHLY REPORT TO
THE DIVISION OF SITE SAFETY AND ENVIRONMENTAL ANALYSIS

March 1980

A. Status of Environmental Reviews

Allens Creek - J. B. Cannon, Project Manager

The staff has been engaged in working on the alternative site analysis for publication as a supplement.

San Onofre Units 2 and 3 - R. M. Rush, Project Manager

No significant activity in March.

Virgil C. Summer Nuclear Station - N. E. Hinkle, Project Manager

No activity in March.

Douglas Point Nuclear Generating Station Units 1 and 2 - N. E. Hinkle

The final draft of the alternate site testimony was forwarded to NRC in March.

B. Support Group Activities
Environmental Fluid Dynamics Group

PLUME Model User's Manual - J. B. Cannon

No activity this month.

NEP Groundwater Flow - D. W. Lee

The report was revised changing the units from the English system to the SI system.

1.2 Analytical Support Work

ORFAD - Cooling Tower Fog and Drift Program - M. E. LaVerne, H. A. McLain, and E. C. Long

Typing of revised draft of the ORNL/TM memo describing the present ORFAD program has been completed. Work also is continuing on evaluation the sensitivity of the droplet evaporation height upon the drift deposition rates.

ORFAD - Review of the Plume Behavior Models - J. E. Molyneux

Work continued on developing plots for the paper describing the instantaneous release of a pollutant from a point source into the atmosphere.

Computer Program Cataloging - E. C. Long

No activity this month.

1.4 Intake Structures Evaluation Study

D. W. Lee

Reviewed the testimony for the EPA Hudson River hearings.

D. Budget

Project costs are reported in the attached tables.

F. Remarks

None.

H. E. Zittel

H. E. Zittel, Manager
Environmental Statements Project

HEZ/1kb

ENVIRONMENTAL STATEMENTS PROJECT

COST AND MANPOWER DEVOTED TO ORNL
 WORK FOR THE DIVISION OF SITE SAFETY AND ENVIRONMENTAL ANALYSIS

	March 1980		FY-1980		Prior Years	
	MMs	Project	MYs	Project	Cost	MYs
Erie	--	879	0.03	9,151	459,578	4.88
San Onofre 2,3	--	*2,854	--	4,833	259,701	2.69
Virgil C. Summer	--	--	0.10	9,667	204,017	1.87
Allens Creek	0.51	4,082	0.22	31,727	227,186	2.23
Douglas Point						
1 and 2	0.16	1,480	0.41	30,770	256,963	3.76
South Texas	--	--	--	13		
Others	--	--	--	12,436		
Total	0.67	9,295	0.76	98,597		

*Bad charges will be corrected in following months.

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