

INTERIM REPORT

Accession No. _____
ORNL/ED/EIS-131

Project Title: Environmental Statements Project

Subject of this Document: Monthly Progress Report

Type of Document: Monthly Progress Report

Date of Document: May 1980

Responsible NRC Individual and NRC Office or Division: Wm. H. Regan,
Assistant Director (acting), Division of Site Safety and Environmental
Analysis

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

Prepared for
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555
Under Interagency Agreement 40-544-75
NRC FIN No. B0001

NRC Research and Technical
Assistance Report

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

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INTERIM REPORT

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

June 1980

A. Status of Environmental Reviews

Allens Creek - J. B. Cannon, Project Manager

No activity this month.

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

No significant activity in May.

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

The final changes to the PFES have been submitted to Technical Publications for editing. Sections concerning accidents and response to comments will be input by the NRC licensing manager after mats are delivered to him near the end of June.

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

The applicant withdrew the application for early site review in May. No further action or reporting is anticipated for this project.

B. Support Group Activities
Environmental Fluid Dynamics Group

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

Final typing of a preliminary, but comprehensive user's manual for the Waldrop-Tatom PLUME model has started. It will be issued as ORNL/CF-90/98.

1.2 Analytical Support Work

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

No activity this month.

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

No activity this month.

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Statistical Continuum Model of Thermal Discharge - J. E. Molyneux,
A. J. Witten and E. C. Long

No activity this month.

Computer Program Cataloging - E. C. Long

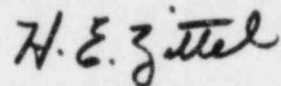
No activity this month.

C. Budget

Project costs are reported in the attached tables.

D. Remarks

None.



H. E. Zittel, Manager
Environmental Statements Project

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ENVIRONMENTAL STATEMENTS PROJECT

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

| | May 1980 | | FY-1980 | | Prior Years | |
|-----------------------|----------|---------|---------|---------|-------------|------|
| | MMs | Project | Mys | Project | Cost | Mys |
| Erie | -- | -- | 0.03 | 9,151 | 459,578 | 4.88 |
| San Onofre 2,3 | -- | 802 | -- | 6,942 | 259,701 | 2.69 |
| Virgil C. Summer | 0.11 | 603 | 0.10 | 10,268 | 204,017 | 1.87 |
| Allens Creek | -- | (1,015) | 0.26 | 38,886 | 227,186 | 2.23 |
| Douglas Point 1 and 2 | 0.11 | 649 | 0.42 | 32,883 | 256,963 | 3.76 |
| South Texas | -- | -- | -- | 13 | | |
| Others | -- | 95 | -- | 12,595 | | |
| TOTALS | 0.22 | 1,134 | 0.81 | 110,738 | | |

Internal Distribution

1. R. C. Tepel
2. H. A. McLain
3. F. R. Mynatt
4. W. Fulkerson
5. R. B. Craig
6. Laboratory Records (RC)
- 7-8. H. E. Zittel

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- 14-28. Voss A. Moore, Assistant Director, Division of Site Safety and Environmental Analysis, U. S. Nuclear Regulatory Commission, Washington, D. C. 20555