

Docket No. 50-387
50-388

THE TEXAS A&M UNIVERSITY SYSTEM
TEXAS TRANSPORTATION INSTITUTE
COLLEGE STATION TEXAS 77843

TRANSPORT OPERATIONS PROGRAM

(713) 845-5817

May 1, 1981

Mitzie Solberg
Emergency Preparedness Development Branch
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mrs. Solberg:

Attached is the summary of the review of the Susquehanna evacuation time estimate. The review was made in accordance with NUREG 0654 Rev. 1 even though the report was dated July 17, 1980.

The overall rating was poor due to a number of deficiencies. The report does not provide data by sectors nor does it report results by sectors. The overall methodology is probably adequate, but it is not well documented. Little information is provided on capacities of various segments. Although consideration is given to some special populations including schools, hospitals, etc., no consideration appears to have been given to transients.

In conclusion, the report does not appear to be responsive to current guidance for evacuation time estimates nor would it have been considered adequate under previous guidance.

Sincerely,



Thomas Urbanik II
Assistant Research Engineer

TU:jem
Enclosure

may

EVALUATION OF EVACUATION TIME ESTIMATE

Susquehanna

Item	Excel.	Adeq.	Poor	None
I. Introduction				
A. Maps	---	<u>X</u>	---	---
B. Assumptions	---	---	<u>*</u>	---
C. Methodology	---	---	<u>*</u>	---
II. Demand Estimation				
A. Permanent Residents	---	<u>X</u>	---	---
B. Transient Populations	---	---	---	<u>X</u>
C. Special Facility Population	---	---	<u>X</u>	---
D. EPZ Sub-areas	---	---	---	<u>X</u>
III. Traffic Capacity				
A. Evacuation Roadway Network	---	---	<u>X</u>	---
B. Roadway Segment Characteristics	---	---	<u>X</u>	---
IV. Analysis				
A. Report Format	---	---	<u>X</u>	---
B. Methodology	---	---	<u>*</u>	---
V. Other Requirements	---	<u>X</u>	---	---
VI. Overall	---	---	<u>X</u>	---

*Note: Rating predicted on limited documentation.