

TERA

FEB 25 1980

Mrs. George Manfred
917 Adelia Street
Middletown, Pennsylvania 17057

Dear Mrs. Manfred:

Your letter to Mr. Denton expressing your concern about the release of radiation from the Three Mile Island nuclear station has been referred to me for response. I regret that this answer has been delayed. The accident and its consequences have created a substantial increase in the agency's workload, which has prevented us from responding to you as promptly as we would have liked.

A team of investigators from the Nuclear Regulatory Commission, the Environmental Protection Agency, and the Department of Health, Education and Welfare calculated the doses to the people living within 50 miles of the Three Mile Island site and estimated the number of new cancers that would result from the exposure to the radioactivity that leaked out of the plant. The team reported their work in a report entitled "Population Dose and Health Impact of the Accident at the Three Mile Island Nuclear Station" (NUREG-0558). They concluded that the offsite collective dose associated with radioactive material released from March 28 to April 7, 1979, represents minimal risks (that is, a very small number of additional health effects to the offsite population). Enclosed for your information is the summary of NUREG-0558.

With regard to your concern about the release of radioactive gases from the reactor building of TMI Unit 2, such releases are not currently permitted. Metropolitan Edison Company has submitted to NRC a "Safety Analysis and Environmental Report" (November 12, 1979) in which it evaluated alternative methods for the disposal of the krypton gases, such as venting and cryogenic processing. Before authorizing venting or any other disposal methods of the krypton gas, NRC will prepare an environmental assessment to determine potential environmental effects of the alternative methods and will request public comments on the assessment. The Commission has also decided that concerned citizens should be given the opportunity to present their views orally at a public meeting prior to any approval of proposals to dispose of radioactive gases in the TMI Unit 2 reactor building. By this course of action, we will assure that a thorough assessment is completed prior to disposal of the contaminated gases and that the health and safety of the offsite population will be protected.

8003190314

OFFICE →						
SURNAME →						
DATE →						

Mrs. George Manfred

- 2 -

We appreciate your concerns and assure you that every effort is being made to ensure the continued protection of the health and safety of the public.

Sincerely,
Original signed by

R. H. Vollmer
Richard H. Vollmer, Director
Three Mile Island Support

Enclosure: NUREG-0558, Summary

DISTRIBUTION

Docket 50-289/50-320

NRC PDR

Local PDR

NRR r/f

SEP/TMI r/f

TMI Site r/f

RVollmer

JCollins

JMullin (TMI-64)

Woliu

SMiner

HDenton

DEisenhut

RTedesco

RReid

DDianni

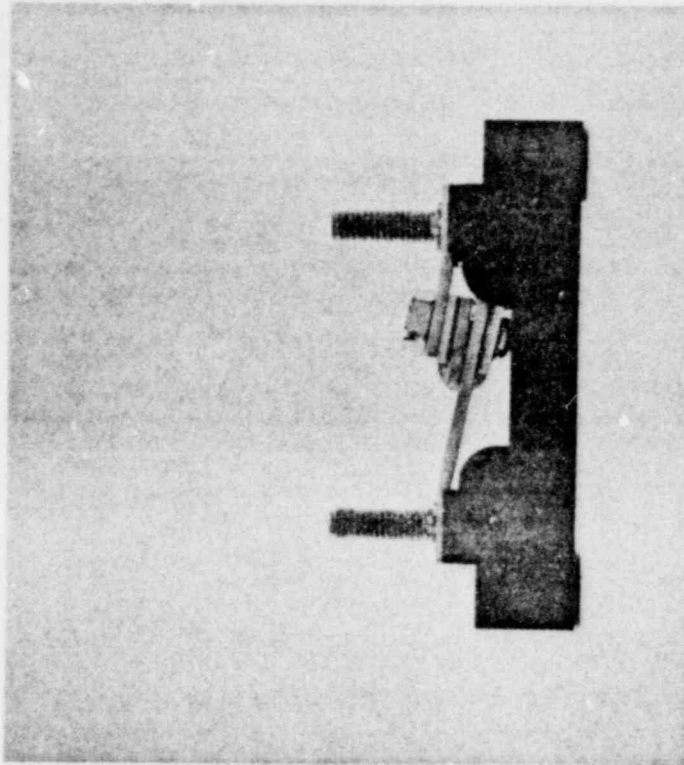
RIngram

MGroff

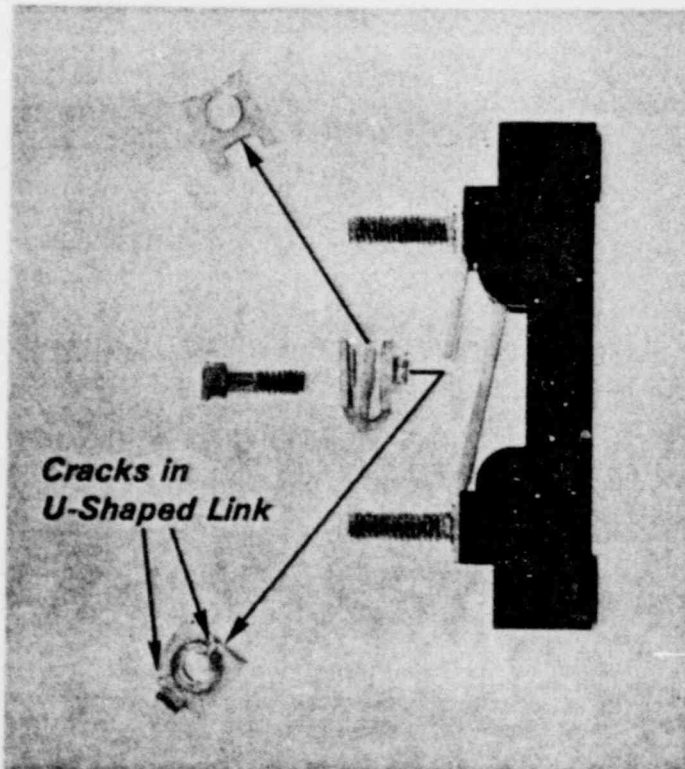
TERA

OFFICE	TMI/TF	TMI/TF	TMI Support		
SURNAME	Woliu:bmf	SMiner	RVollmer		
DATE	2/19/80	2/19/80	2/21/80		

ENCLOSURE 1 TO IE INFORMATION NOTICE 80-



**Side View of States Company
Terminal Block in Assembled Position**



**Exploded View of
States Company Terminal Block**

ENCLOSURE 2

IE Information Notice No. 80-08
Date: March 7, 1980
Page 1 of 1

RECENTLY ISSUED IE INFORMATION NOTICES

Information Notice No.	Subject	Date Issued	Issued to
79-32	Separation of Electrical Cables for HPCI and ADS	12/21/79	All Power Reactor Facilities with an Operating License (OL) or Construction Permit (CP)
79-33	Improper Closure of Primary Containment Access Hatches	12/21/79	All Power Reactor Facilities with an OL or CP
79-34	Inadequate Design of Safety-Related Heat Exchangers	12/31/79	All Power Reactor Facilities with an OL or CP
79-35	Control of Maintenance and Essential Equipment	12/31/79	All Power Reactor Facilities with an OL or CP
79-36	Computer Code Defect in Stress Analysis of Piping Elbow	12/31/79	All Power Reactor Facilities with an OL or CP
79-37	Cracking in Low Pressure Turbine Discs	12/31/79	All Power Reactor Facilities with an OL or CP
80-01	Fuel Handling Events	1/4/80	All Power Reactor Facilities with an OL or CP
80-02	8X8R Water Rod Lower End Plug Wear	1/25/80	All BWR Facilities with an OL or CP
80-03	Main Turbine Electro-hydraulic Control System	1/31/80	All Power Reactor Facilities with an OL or CP
80-04	BWR Fuel Exposure in Excess of Limits	2/4/80	All BWR Facilities with an OL or CP
80-05	Chloride Contamination of Safety Related Piping and Components	2/8/80	All Power Reactor Facilities with an OL or CP and applicants for a CP
80-06	Notification of Significant Events	2/27/80	All Power Reactor Facilities with an OL and applicant for OL
80-07	Pump Fatigue Cracking	2/29/80	All Power Reactor Facilities with an OL or CP