



Metropolitan Edison Company  
Post Office Box 480  
Middletown, Pennsylvania 17057  
717 944-4041

Writer's Direct Dial Number

January 13, 1981  
LIL 005

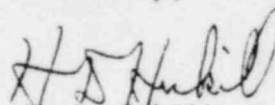
Office of Nuclear Reactor Regulation  
Attn: R. W. Reid, Chief  
Operating Reactors Branch No. 4  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Sir:

Three Mile Island Nuclear Station, Units 1 and 2 (TMI-1 and TMI-2)  
Operating License Nos. DPR-50 and DPR-73  
Docket Nos. 50-289 and 50-320  
Permit Modifications

Enclosed for your information is a request for waiver from permit requirements of Section 5(c) of the Dam Safety Encroachment Act of October 23, 1979 per Environmental Technical Specification 5.7.2 (Unit 2).

Sincerely,

  
H. D. Adkill  
Director, TMI-1

HDH:LWH:hah

Enclosure

cc: B. H. Grier  
B. J. Snyder  
L. Barrett  
D. DiIanni  
H. Silver

*0001  
5/11*



Metropolitan Edison Company  
 Post Office Box 480  
 Middletown, Pennsylvania 17057  
 717 944-4041

Writer's Direct Dial Number

December 31, 1980  
 TLL 698

Mr. Joseph Ellam  
 Division of Dam Safety  
 Pennsylvania Department of Environmental Resources  
 P.O. Box 2357  
 Harrisburg, Pa. 17120

Dear Mr. Ellam:

Three Mile Island Nuclear Station (TMI)

Detailed below is the information necessary to qualify all TMI "ponds" for a waiver from the permit requirements of Section 6(c) of the Dam Safety Encroachment Act of October 23, 1979.

POND	ACRE FEET	HAZARD POTENTIAL
1. Pre-operational settling basin A	8.4	3
2. Pre-operational settling basin B	8.7	3
3. Dredging settling basin	6.8	3
4. Unit 1 Cooling Tower desilting basin	3.1	3
5. Unit 2 Cooling Tower desilting basin	3.1	3
6. Site (Stormwater) Runoff desilting basin	3.3	3

In all instances, construction began prior to July 1, 1979. All of the above "ponds" are located on Three Mile Island.

Three Mile Island is located in the Middletown Quadrangle of the U.S.G.S. Map System. A portion of the Middletown quadrangle is enclosed and the approximate locations of the ponds are annotated thereon. In addition, a diagram which was submitted to PaDER as a part of our NPDES permit application is also enclosed. This diagram further details locations of these ponds (as well as other items).

The following is a brief description of the ponds:

1. Ponds 1 and 2 (Pre-operational settling basins)

These basins were used at the time of plant construction. Currently, they are just being drained, as necessary, in order to remove accumulated

rainwater. All such discharges are made in accordance with the provisions of our NPDES permit which is administered by the PaDER.

2. Pond 3 (Dredging settling basin)

As periodic dredging is performed, accumulated solids are retained within this basin. Dredging operations are conducted in accordance with the provisions of our ACOE and PaDER permits.

3. Ponds 4 and 5 (Unit 1 and 2 Cooling Tower desilting basins)

These basins are used infrequently during cleaning operations. Cleaning is conducted in accordance with PaDER requirements.

4. Pond 6 (site (Stormwater) Runoff desilting basin)

This area allows rainfall runoff from the TMI plant site to "settle" (in order to minimize the solids concentration of the runoff) prior to entering the Susquehanna River. This discharge is in accordance with our NPDES Permit.

All the ponds referenced in this submittal are located on Three Mile Island and comply with the exemption detailed in section 105.12(a)4 of the regulations regarding the National Wild and Scenic Rivers Act and the Pennsylvania Scenic Rivers Act.

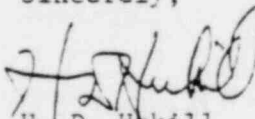
In addition to the six "ponds" detailed herein, the plant site is surrounded by a dike and the shoreline surrounding the plant site is rip-rapped with stone. Both of these measures were performed in order to meet Nuclear Regulatory Commission requirements (for flood protection). In accordance with section 105.12(b)4 of the regulations, these items are exempt from these regulations.

TMI has a number of small containment structures which were installed to comply with SPCC regulations (spill prevention). These structures are essentially limited to curbing and walls surrounding our oil tanks. These SPCC structures are also exempt from these regulations.

Per section 105.12(b)6 of the regulations, the TMI intake structures and discharge outfalls (which are all detailed in our NPDES permit application on file with PaDER) are exempt from these regulations.

Should you require any additional information, please contact Mr. Eric Nielsen of our Licensing staff at (717) 948-8562.

Sincerely,

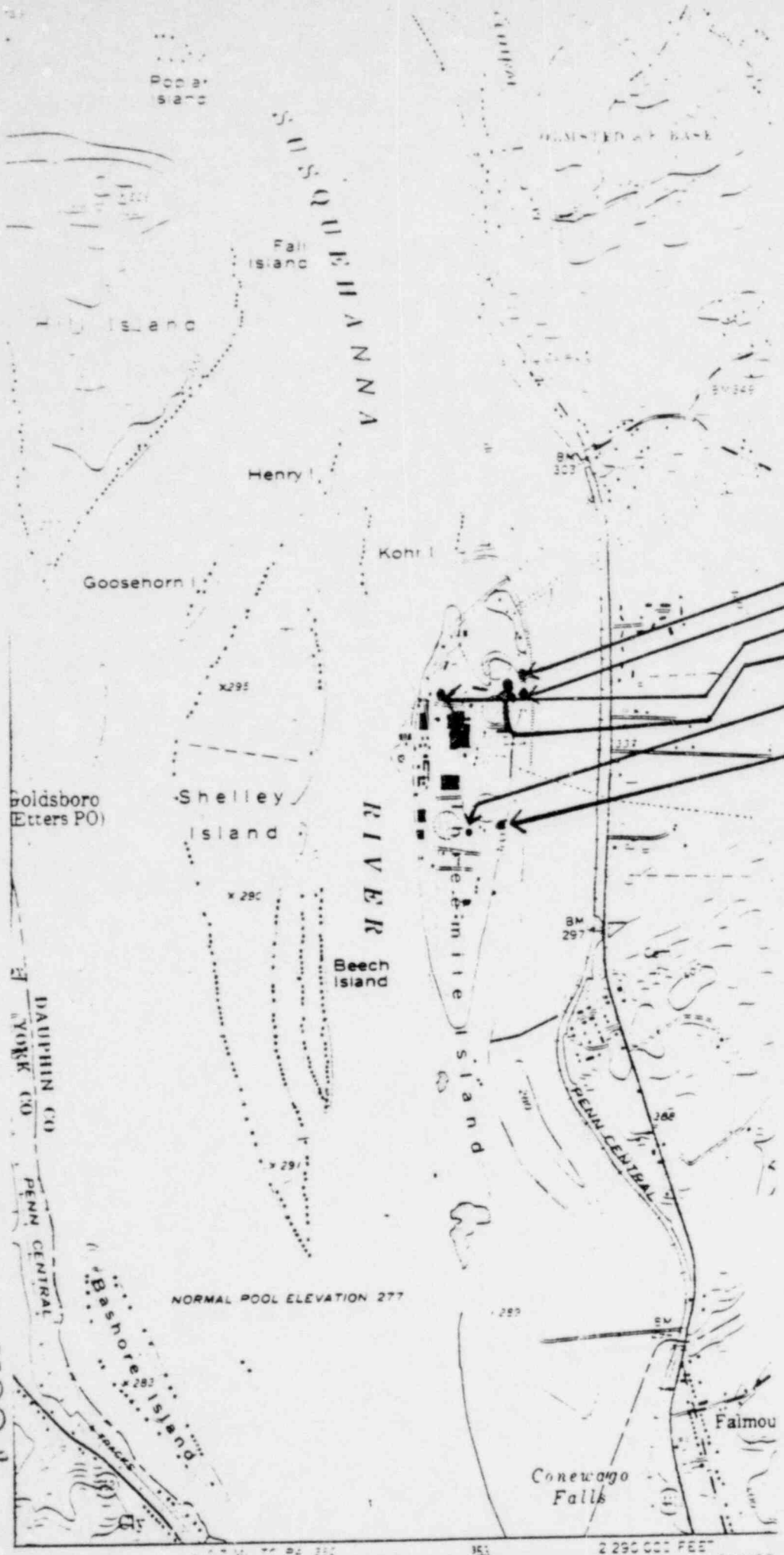
  
H. D. Hukill  
Director, TMI-1

HDH:ESN:hah

Enclosures

bcc: J. J. Barton-TMI-2 Admin. Bldg.  
~~H. Harding (submit to NRC per Tech Spec) Trl. 68~~  
G. K. Hovey-TMI-2 Admin. Bldg.  
W. E. Riethle-Env. Assessm. Hbg. Airport  
T. E. Tipton-JCP&L  
R. Lacey - JCP&L  
D. G. Mitchell-Trl. 68  
R. J. Toole-Unit 1 Service Bldg.  
M. Roche-JCP&L

POOR ORIGINAL



PONDS

1. Pre-op Basin A
2. Pre-op Basin B
3. Dredging Basin
4. Unit 1 Cooling Tower Basin
5. Unit 2 Cooling Tower Basin
6. Stormwater Basin

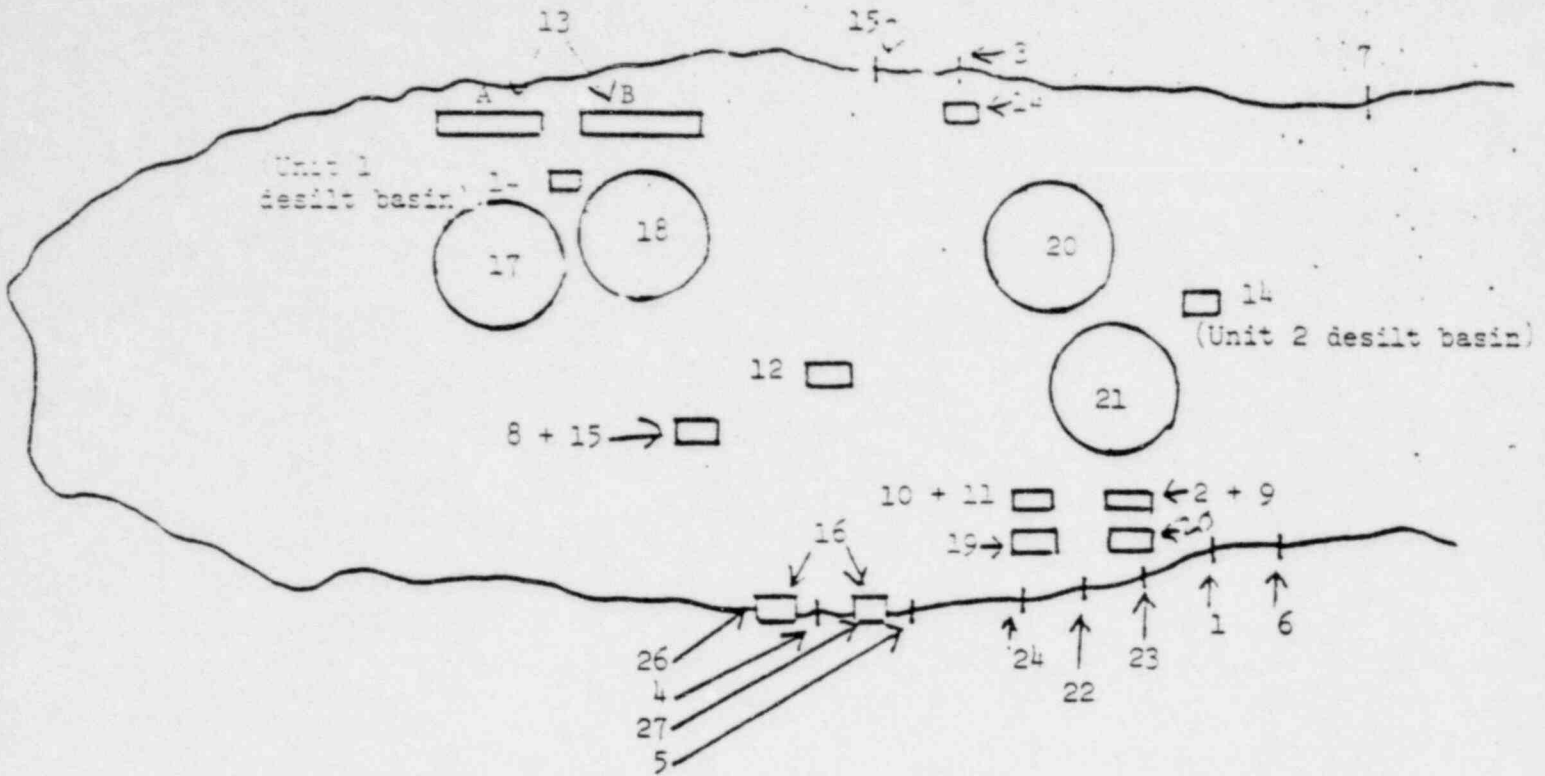
MIDDLETOWN, PA.  
NW/4 MIDDLETOWN 12 QUADRANGLE  
N4007.5—W7657.5 7.5

1963  
PHOTOGRAPHED BY  
AMS 5664 II NW 2 SERIES V831

# POOR ORIGINAL

FIGURE 2  
LOCATION DIAGRAM

Enclosure 2  
TLL 698



The 27 discharges listed on Page I-3, Item 9, are located in the above approximate positions on TMI. The numbers are listed sequentially to correspond with Item 9.

- |                                                   |                                                             |
|---------------------------------------------------|-------------------------------------------------------------|
| 1. 9.a. Outfall 001                               | 13. 9.h.5. Pre-Op settling basins                           |
| 2. 9.b. Sewage Treatment Plant                    | 14. 9.h.6. Stormwater Transport System/<br>desilting basins |
| 3. 9.c. Outfall 005                               | 15. 9.h.7. Dredging settling basin                          |
| 4. 9.c. Unit 1 Screen House are<br>a runoff drain | 16. 9.h.8. Intake Screen Houses                             |
| 5. 9.c. Unit 2 Screen House are<br>a runoff drain | 17. 9.i. Unit 1 NDCT                                        |
| 6. 9.c. Area runoff drain south<br>of outfall 001 | 18. 9.i. Unit 1 NDCT                                        |
| 7. 9.c. Area runoff drain south<br>of outfall 005 | 19. 9.i. Unit 1 MDCT                                        |
| 8. 9.e. Dredging settling basin                   | 20. 9.i. Unit 2 NDCT                                        |
| 9. 9.h.1. Sewage Treatment Plant                  | 21. 9.i. Unit 2 NDCT                                        |
| 10. 9.h.2. Industrial Waste Filter<br>System      | 22. 9.i. Unit 2 MDCT                                        |
| 11. 9.h.3. Industrial Waste Treatment<br>System   | 23. 9.k.1. Outfall 002                                      |
| 12. 9.h.4. Radioactive Waste Treatment<br>System  | 24. 9.k.2. Outfall 003                                      |
|                                                   | 25. 9.k.3. Outfall 004                                      |
|                                                   | 26. 9.k. Unit 1 Intake Screen Discharge                     |
|                                                   | 27. 9.k. Unit 2 Intake Screen Discharge                     |

Ponds	See No.
1. Pre-op Basin A	13
2. Pre-op Basin B	13
3. Dredging Basin	8
4. Unit 1 Cooling Tower Basin	14
5. Unit 2 Cooling Tower Basin	14
6. Stormwater Basin	14

Location Map

August 6, 1979  
Metropolitan Edison Company