

**NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL**  
(TEMPORARY FORM)

CONTROL NO: 7501  
FILE: ENVIRO

FROM: Met. Edison Co. Reading, Pa. 19603 R.C. Arnold			DATE OF DOC 7-10-75	DATE REC'D 7-14-75	LTR XX	TWX	RPT	OTHER
TO: Mr. J.P. O'Reilly			ORIG	CC 1	OTHER	SENT NRC PDR <u>XX</u>		SENT LOCAL PDR <u>XX</u>
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-289		
DESCRIPTION: Ltr adv of Enviro A0-50-289/ 75-4 on 7-3-75 re suspended solidas concentration at the Plant River Water Discharge greater than 560 ppm...				ENCLOSURES:				
PLANT NAME: Three Mile Island Unit 1								

**Do Not Remove**  
**ACKNOWLEDGED**

**FOR ACTION/INFORMATION**

DHL 7-16-75

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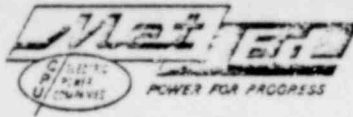
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**EXTERNAL DISTRIBUTION**

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NSIC (BUCHANAN)	1 - CONSULTANTS	1 - G. ULRIKSON ORNL
1 - ASLB	NEWMARK/BLUME/AGBABIAN	
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1 - ACRS HOLDING/SENT		

7910240 75.7

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Regulatory Docket File

METROPOLITAN EDISON COMPANY SUBSIDIARY OF GENERAL PUBLIC UTILITIES CORPORATION

POST OFFICE BOX 542 READING, PENNSYLVANIA 19603

TELEPHONE 215 - 929-3601

July 10, 1975  
GQL 1254

Mr. J. P. O'Reilly, Director  
Office of Inspection and Enforcement, Region 1  
Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Dear Mr. O'Reilly:

Operating License DPR-50  
Docket #50-289

In accordance with the Environmental Technical Specifications for Three Mile Island Nuclear Station Unit 1, we are reporting the following Environmental Incident:

- (1) Reporting Number: E.I, 50-289/75-4
- (2a) Report Date: July 10, 1975
- (2b) Occurrence Date: July 3, 1975
- (3) Facility: Three Mile Island Nuclear Generating Station Unit 1
- (4) Identification of Incident:

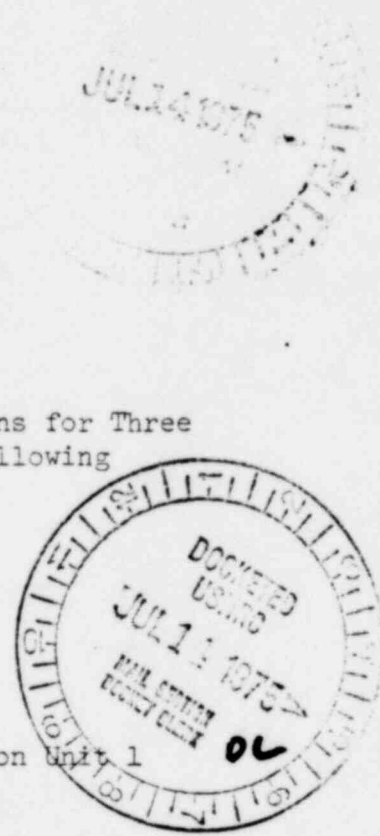
Suspended solids concentration at the Plant River Water Discharge greater than 560 ppm, which is a violation of the Environmental Technical Specifications, paragraph 2.2.2a and constitutes exceeding a limiting condition for operation.

- (5) Conditions Prior to Occurrence:

The reactor was in cold shutdown with major plant parameters as follows:

Power: Core: 0%  
Elect.: 0 Mw Gross

RC Flow: 1500 gpm (Decay Heat Removal System)



7501

1459 216

RC Press.: 30 psig

RC temp.: 210°F

PRZR level: 120 inches

PRZR temp.: 270°F

(6) Description of Occurrence:

It was discovered on July 3, 1975 that during the release of the Waste Neutralizing Tank on June 6, 1975 that the concentration of suspended solids measured at the Plant River Water Discharge exceeded the limit of 560 ppm by 24 ppm.

The suspended solids concentration of the Waste Neutralizing tank prior to discharge was 5 ppm; analysis of the river water effluent during the discharge indicated 584 ppm and analysis at the river water influent indicated 659 ppm.

Based on existing river water conditions (659 ppm), there were no appropriate immediate corrective actions that could be taken.

(7) Designation of Apparent Cause of Occurrence:

A much higher than normal concentration of suspended solids was found in the plant river influent during the release. Meteorological data shows that a 1.25 inch rainfall occurred on June 5, 1975 and that the river level had risen from 4.30 feet at 0700 on June 5, 1975 to 4.52 feet at 0700 hours June 6, 1975, and was still rising at that time.

Based on the existing river conditions, the Technical Specification limit could not be met.

(8) Analysis of Occurrence:

Based on the fact that the suspended solids concentration in the plant river effluent was less than that of the plant influent, no suspended solids related damage to the river ecosystems or biota occurred as a result of plant operations and there was no threat to the health and safety of the public as a result of this incident.

(9) Corrective Action:

As stated above no immediate corrective action could be taken.

Long term corrective action will be to evaluate a change to Environmental Technical Specifications to cover abnormal river water conditions.

1459 217

(10) Failure Data: not applicable

Sincerely,

**Signed** = R. C. Arnold

R. C. Arnold  
Vice President

RCA:CWS:lw

cc: Director  
Division of Reactor Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

File 7.7.3.11.1/20.1.1

1459 218