

*Central file*

**METROPOLITAN EDISON COMPANY** SUBSIDIARY OF GENERAL PUBLIC UTILITIES CORPORATION

POST OFFICE BOX 480 MIDDLETOWN, PENNSYLVANIA 17057

TELEPHONE 717-944-4041

July 19, 1974

**POOR ORIGINAL**

Mr. J.P. O'Reilly, Director  
Directorate of Regulatory  
Region I  
631 Park Avenue  
King of Prussia, Pa. 19406

Operating License DPR-50  
Docket 50-289

Subject: Environmental Incident No. EI 74-8

Dear Mr. O'Reilly:

This telegram is to confirm the conversation between Lee Spessard (Region I-AEC), and J.G. Harbain (THI-Superintendent) at 1600 HRS. 17 July 1974.

Violation of the Environmental Technical Specification 2.1.a and 2.1.b (page 2 & 3) in that the Mechanical Draft Cooling Tower Discharge temperature was greater than 3°F below the river water inlet temperature and that during the period from 7/9/74 to 7/17/74 certain temperature monitoring devices, required by the Environmental Technical Specifications, were out of service.

On 7/17/74 an environmental consulting firm, which was performing a Thermal Plume Study in the river adjacent to the Mechanical Draft Cooling Tower (MDCT) Discharge, reported that they had detected the following abnormal differential temperature readings:

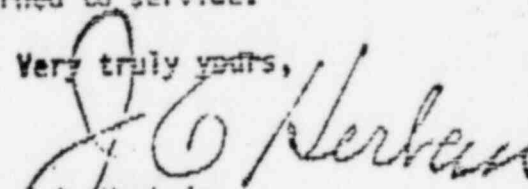
<u>Date</u>	<u>Differential Temperature</u> (River Temperature - Discharge Temperature)
7/11/74	9.4°F ΔT
7/15/74	4.7°F ΔT
7/17/74	10.2°F ΔT

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An immediate investigation by the Plant Operations Review Committee revealed that the normal method of monitoring the differential temperature (Control Room Indicator) and the alternate method of monitoring differential temperature (Local Indicator at the HECT) were both out of service.

Temporary indicators have been installed to provide the necessary information required for monitoring the differential temperature until the normal and alternate instrumentation can be returned to service.

Very truly yours,

  
J.G. Herbelin  
Station Superintendent  
The Nuclear Station

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