

50-289

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TO:

Mr. W. G. McDonald

FROM:

Metropolitan Edison Company  
Reading, Pa.  
J. G. Herbein

FILE NUMBER

MONTHLY REPORT

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11/10/77

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11/14/77

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DESCRIPTION

Letter trans the following:

PLANT NAME: Three Mile Island Unit No. 1

RJL 11/14/77

(1-P)

ENCLOSURE

Monthly Report for October 1977  
Plant & Component Operability & Availability.  
This Report to be used in preparing Gray Book  
by Plans & Operations.

(4-P)

1 ENCL \*

## FOR ACTION/INFORMATION

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November 10, 1977  
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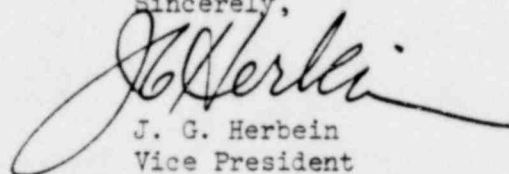
Director of Nuclear Reactor Regulation  
ATTN: Mr. W. G. McDonald, Director  
Office of Management Information & Program Control  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Sir:

Operating License No. DPR-50  
Docket No. 50-289

Enclosed please find the October Operating Report for Three Mile Island  
Nuclear Station Unit 1.

Sincerely,

  
J. G. Herbein  
Vice President

JGH:DGM:gs

Enclosure

cc: Mr. B. H. Grier, Director  
Office of Inspection & Enforcement, Region I  
U. S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

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### OPERATING SUMMARY

The unit operated at essentially full power for the entire month except for the planned power reduction on 10/22/77 to conduct the turbine stop valve testing.

Monthly inspections of the Decay Heat Removal Pump shafts were initiated in September 1977, as per our commitment to the NRC. These inspections which include both vibration and ultrasonic testing are intended to provide additional assurance of the pump shaft reliability.

### MAJOR SAFETY RELATED MAINTENANCE

The DH-P's 1A&1B were inspected during this month for possible shaft defects. The following work/inspection was performed on each pump:

- (1) IRD readings were taken.
- (2) Pump to motor coupling removed.
- (3) Ultrasonic test of pump shaft.
- (4) Analysis of UT results.
- (5) Coupling of pump to motor.
- (6) Testing of pump and declaring pump operable.
- (7) Return pump to service.

Each pump was taken out of service separately to perform the above work. Results of UT and IRD readings were satisfactory for both pumps. All work performed on each pump was completed within the time limits set forth in the technical specifications.

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