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FROM: Niagara Mohawk Power Corporation Lycoming, New York 13093 E. Allister Burt	DATE OF DOC: 5-7-73	DATE REC'D 5-11-73	LTR x	MEMO	RPT	OTHER
TO: Donald J. Skovholt	ORIG 1	CC	OTHER	SENT AEC FDR <u>x</u> SENT LOCAL PDR <u>x</u>		
CLASS: <u>U</u> PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-220			

DESCRIPTION:

Ltr reporting of cracks that were discovered in the Reactor Steam Dryer assembly at Nine Mile Point.....

ENCLOSURES:

**ACKNOWLEDGED
DO NOT REMOVE**

PLANT NAMES: Nine Mile Point Unit #1

FOR ACTION/INFORMATION 5-12-73 LB

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1. The first part of the report is a summary of the work done during the year.

2. The second part is a detailed account of the work done during the year.

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Regulatory

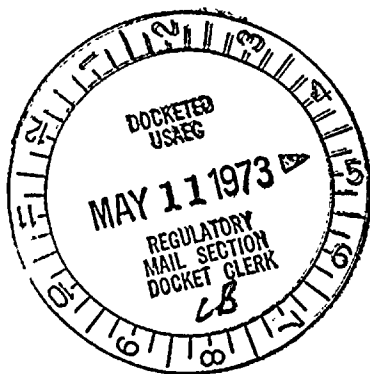
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NIAGARA MOHAWK POWER CORPORATION

NIAGARA



MOHAWK



Nine Mile Point Nuclear Station
Post Office Box 32
Lycoming, New York 13093

May 7, 1973

Mr. Donald J. Skovholt
Assistant Director for Reactor Operations
Division of Reactor Licensing
United States Atomic Energy Commission
Washington, D. C. 20545



Dear Mr. Skovholt:

Re: Provisional Operating License: DPR-17
Docket No.: 50-220

The purpose of this letter is to inform you of cracks that were discovered in the Reactor Steam Dryer assembly at Nine Mile Point Nuclear Station, Unit #1.

The steam dryer assembly is mounted in the reactor vessel above the steam separator assembly. It forms the top and sides of the wet steam plenum and provides a seal between the wet steam plenum and the dry steam flowing out the top and down the steam nozzles. Moisture is removed by impinging on the dryer vanes, flowing down through collecting troughs and drain tubes to the reactor water in the downcomer annulus below the steam separators.

The cracking that has occurred is limited to the upper portion of the dryer assembly in existing welds except for a 3" extension of one crack into the parent metal.

At this time an investigation and repair procedure formulation is being performed by Nine Mile Point Staff and General Electric Company, the Nuclear Steam supply manufacturer. A complete report will be submitted in the next semi-annual report.

Very truly yours,

P. Allister Burt,
General Superintendent
Nuclear Generation

PAB:cm

3100

