NRC FORM 195 (2-76)

U.S. NUCLEAR REGULATORY COMMISSION

DOCKET NUMBER 50-220

FILE NUMBER

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

TO: Mr O'Reilly	FROM: Niagara Mohawk Pwr Corp Syracuse, NY R R Schneider	DATE OF DOCUMENT 3-16-76 DATE RECEIVED 3-19-76

■ LETTER ☐ ORIGINAL ■ COPY ☐ NOTORIZED ■ UNCLASSIFIED	PROP	INPUT FORM	NUMBER OF COPIES RECEIVED none signed

DESCRIPTION

Ltr re IE Builetin 76-011furnishing info concerning integrety of isolation condensers tubes...

ENCLOSURE

DO NOT REMOVE

ACKNOWLEDGED

PLANT NAME: Nine Mile Pt #1

SAFETY — FOR ACTION/INFORMATION — ENVIRO 3-22-76 ehf

	SAFETY			ENVIRO	
	ASSIGNED AD :			ASSIGNED AD :	
/	BRANCH CHIEF :	Lear (5)		BRANCH CHIEF :	
	PROJECT MANAGER:			PROJECT MANAGER :	
/	LIC. ASST. :	Parrish		LIC. ASST. :	

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	ASLB	CONSULTANTS		
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NRC FORM 195 (2-76)

NIAGARA MOHAWK POWER CORPORATION

NIAGARA MOHAWK

300 ERIE BOULEVARD, WEST
SYRACUSE, N.Y. 13202

March 16, 1976

Mr. James P. O'Reilly
Directorate of Regulatory Operations
United States Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, Pa. 19406

RE: Docket No. 50-220

Dear Mr. O'Reilly:

In response to IE Bulletin 76-01 dated March 9, 1976 the following information as required and as enumerated in the enclosure is supplied.

1. a) The integrety of the isolation condenser's tubes is being maintained thru periodic sampling and evaluation of the isotopic content of the shell side water. This sampling and evaluation will occur once in every 96 hour period. Utilizing this periodic surveillance in the time frame committed, it is felt that very small leaks from the primary system to the shell water side can be detected and appropriate action taken before their propagation to a size which would produce detectable vent effluent radiation above background.

b) Non-destructive testing or hydrostatic testing will be performed at the next refueling outage.

c) Actions were planned and implemented prior to the initial fuel loading in 1969, to assure prompt detection of an isolation condenser tube break. The isolation condenser system at Nine Mile Point Unit I includes four condensers, two in each safety system. Each system is a 100% system, thus even in the unlikely event of isolation of one system the other would be more than able to provide the actions required. To guard against a tube break, radiation monitors were placed in the vents from each of the four condensers. These monitors provide isolation of the condenser (steam supply and condensate return to the reactor) upon detection of a predetermined level of radiation. That set point is such that the release would be limited to 28% of 10CFR20 dose limits. Additionally, the vent radiation monitors read out in the Control Room and are logged once per shift (three times daily). Any trend in vent radiation levels would thus be detected within an eight hour period and appropriate action taken.

March 16, 1976

2. Completed.

3. The report will be submitted within 30 days, as requested, from completion date.

Very truly yours,

Original Signed by R.R. Schneider

R.R. Schneider
Vice President
Electric Operations

TJD/aih
Enc.

CC: NRC Regional Office of Inspection and Enforcement