

FROM: T. J. PERKINS - NINE MILE POINT NUCLEAR STATION

ABNORMAL OCCURRENCE 73-11-13

LOSS OF ONE RESERVE POWER TRANSFORMER -

IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS 1.13 d AND SPECIFICATION 3.6.3 d -

SPECIFICATION:

... FOR ALL REACTOR OPERATING CONDITIONS EXCEPT COLD SHUTDOWN, THERE SHALL NORMALLY BE AVAILABLE TWO 115 KV EXTERNAL LINES, TWO DIESEL-GENERATOR POWER SYSTEMS AND TWO BATTERY SYSTEMS ...

A GROUND OCCURRED ON THE 4 KV SECONDARY OF 1015 RESERVE POWER TRANSFORMER REQUIRING TRANSFER OF LOAD TO 101N AND THE REMOVAL OF 1015 TRANSFORMER FROM SERVICE AT 1200 HOURS ON 11/13/73. BOTH 115 KV LINES WERE OPERABLE AS WERE THE TWO DIESEL GENERATION SYSTEMS. HOWEVER, THE RESERVE TRANSFORMER FORMS AN INTEGRAL PART OF THE 115 KV RESERVE POWER SYSTEM FOR NINE MILE POINT UNIT 1 AND THUS ONE OF THESE TWO SYSTEMS WAS IMPERABLE WITH THE REMOVAL OF 1015 TRANSFORMER. SUBSEQUENT INVESTIGATION SHOWED A 600 VOLT WIRE SUPPLYING THE DUCT HEATER, ACROSS ONE PHASE OF THE SECONDARY OF THE TRANSFORMER. THE WIRE WAS REMOVED AND THE TRANSFORMER PLACED BACK IN SERVICE AT 1713 HOURS 11/13/73.

BASED UPON THE FACT THAT TWO DIESEL GENERATORS WERE AVAILABLE AS WELL AS ONE 115 KV RESERVE POWER SYSTEM NO DIFFICULTIES WOULD HAVE BEEN ENCOUNTERED HAD THESE SYSTEMS BEEN REQUIRED FOR OPERATION. THEREFORE, NO HAZARD WAS PRESENTED TO THE GENERAL PUBLIC DURING THE TIME 1015 TRANSFORMER WAS REMOVED FROM SERVICE.

T. J. PERKINS
STATION SUPERINTENDENT
NINE MILE POINT NUCLEAR STATION

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PDR ADDCK 05000220
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Rec'd by Facsimile 11/15/73 — 0945 a.m.

MEMO ROUTE SLIP		See me about this.		For concurrence.		For action.	
Form AEC-93 (Rev. May 14, 1947) AECM 0240		Note and return.		For signature.		For information.	
TO (Name and unit)		INITIALS	REMARKS				
RO Chief FS&EB			NINE MILE POINT NUCLEAR STATION				
RO:HQ (5)		DATE	AO 73-11-13				
RO Files							
OGC							
Central Mail & Files							
TO (Name and unit)		INITIALS	REMARKS				
Regulatory Standards		(3)	The above abnormal occurrence is forwarded				
Directorate of		DATE	for information. Distribution will be made				
Licensing (13)			by this office to the PDR, Local PDR, NSIC,				
Regional Directors			DTIE, and state representatives.				
(RO II, III, IV)							
TO (Name and unit)		INITIALS	REMARKS				
		DATE					
FROM (Name and unit)		REMARKS					
E. J. Brunner							
Region I							
PHONE NO.		DATE					
8/337/1246		11/16/73					

USE OTHER SIDE FOR ADDITIONAL REMARKS

GPO : 1971 O - 445-469

U.S. ATOMIC ENERGY COMM.
DIVISION OF COMPLIANCE

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