NRC DISTRIBU	50-289				
TO: Mr W G McDonald		FROM: Metropolitan Edison Co Reading, Pa			DATE OF DOSUMENT
			Arn		DATE RECEIVED 2-23-77
SLETTER DNOT	ORIZED	PROP		INPUT FORM	NUMBER OF COPIES RECEIVE
BORIGINAL SUNCLASSIFIED					one signed
ESCRIPTION			ENC	LOSURE	
Ltr trans the follows	ing:		1	Rating/Capacity data	per our request
			1		
1p		1	2р	*	
DI ANT NAME					
PLANT NAME: Three	file #1				
SAFETY		FOR ACTION	INFO	RMATION ENTERIO	3-3-77 ehf
ASSIGNED AD:			T	1111111	
	11.0				
	Reid	(5)	+	ASSIGNED AD:	
BRANCH CHIEF:	Reid		\forall	BRANCH CHIEF:	
BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.:	Zw	eitzic Engram			
BRANCH CHIEF: PROJECT MANAGER:	Zw	eltzic _		BRANCH CHIEF: PROJECT MANAGER:	
BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.:	Zw.	Engram		BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.:	
BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: MC Donald	(2)	Engram INTERNAL	DISTE	BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.:	
BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: MC Donald	(2) SYSTEM	INTERNAL I	DISTE	BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: RIBUTION PLANT SYSTEMS	SITE SAFETY &
BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: MC Donald REG FILE NRC PDR	(2) SYSTEM HEINEM	INTERNAL IS SAFETY	DISTE	BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: RIBUTION PLANT SYSTEMS TEDESCO	ENVIRO ANALYSIS
BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: MC DONA (d.) REG FILE NRC PDR I & E (2)	(2) SYSTEM	INTERNAL IS SAFETY	DISTE	BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: RIBUTION PLANT SYSTEMS TEDESCO BENAROYA	
BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: MC Donald REG FILE NRC PDR	SYSTEM: HEINEM SCHROE	INTERNAL IS SAFETY AN DER	DISTE	BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: RIBUTION PLANT SYSTEMS TEDESCO BENAROYA LAINAS	ENVIRO ANALYSIS DENTON & MULLER
BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: MC DONG d REG FILE NRC PDR I & E (7) OELD	(2) SYSTEM HEINEM	INTERNAL IS SAFETY AN DER ERING	DISTE	BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: RIBUTION PLANT SYSTEMS TEDESCO BENAROYA	ENVIRO ANALYSIS
BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: MC DONG PEG FILE NRC PDR I & E (2) OELD GOSSICK & STAFF MIPC CASE	SYSTEM: HEINEM SCHROEI ENGINE	INTERNAL IS SAFETY AN DER ERING	DISTF	BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: RIBUTION PLANT SYSTEMS TEDESCO BENAROYA LAINAS IPPOLITO KIRKWOOD	ENVIRO ANALYSIS DENTON & MULLER ENVIRO TECH.
BRANCH CHIEF: PROJECT MANAGER: LIC, ASST.: MC DONG d REG FILE NRC PDR I & E (7) OELD GOSSICK & STAFF MIPC CASE HANAUER	SYSTEM: HEINEM: SCHROE! ENGINE: MACARR' BOSNAK SIHWEI!	INTERNAL IS SAFETY AN DER ERING Y	DISTE	BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: RIBUTION PLANT SYSTEMS TEDESCO BENAROYA LAINAS IPPOLITO KIRKWOOD OPERATING REACTORS	ENVIRO ANALYSIS DENTON & MULLER ENVIRO TECH. ERNST
BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: MC DONG (d) EEG FILE NRC PDR I & E (7) OELD GOSSICK & STAFF MIPC CASE	SYSTEM: HEINEM SCHROE! ENGINE: MACARR: BOSNAK	INTERNAL IS SAFETY AN DER ERING Y	DISTE	BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: RIBUTION PLANT SYSTEMS TEDESCO BENAROYA LAINAS IPPOLITO KIRKWOOD	ENVIRO ANALYSIS DENTON & MULLER ENVIRO TECH. ERNST BALLARD SPANGLER
BRANCH CHIEF: PROJECT MANAGER: LIC, ASST.: MC DONG NRC PDR I & E (7) OELD GOSSICK & STAFF MIPC CASE HANAUER HARLESS	SYSTEM: HEINEM SCHROE! ENGINE: MACARR: BOSNAK SIHWEI! PAWLIC!	INTERNAL IS SAFETY AN DER ERING Y	DISTE	BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: RIBUTION PLANT SYSTEMS TEDESCO BENAROYA LAINAS IPPOLITO KIRKWOOD OPERATING REACTORS STELLO	ENVIRO ANALYSIS DENTON & MULLER ENVIRO TECH. ERNST BALLARD SPANGLER SITE TECH.
BRANCH CHIEF: PROJECT MANAGER: LIC, ASST.: MC DONG (d) REG FILE NRC PDR I & E (7) OELD GOSSICK & STAFF MIPC CASE HANAUER HARLESS PROJECT MANAGEMENT	SYSTEM: HEINEM SCHROE! ENGINE: MACARR' BOSNAK SIHWEI! PAWLIC! REACTO!	INTERNAL IS SAFETY AN DER ERING Y	DISTE	BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: RIBUTION PLANT SYSTEMS TEDESCO BENAROYA LAINAS IPPOLITO KIRKWOOD OPERATING REACTORS STELLO OPERATING TECH.	ENVIRO ANALYSIS DENTON & MULLER ENVIRO TECH. ERNST BALLARD SPANGLER SITE TECH. GAMMILL
BRANCH CHIEF: PROJECT MANAGER: LIC, ASST.: MC DONG d EEG FILE NRC PDR I & E (7) OELD GOSSICK & STAFF MIPC CASE HANAUER HARLESS PROJECT MANAGEMENT BOYD	SYSTEM: HEINEM SCHROE! ENGINE: MACARR' BOSNAK SIHWEI! PAWLIC! REACTOR	INTERNAL IS SAFETY AN DER ERING Y	DISTR	BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: RIBUTION PLANT SYSTEMS TEDESCO BENAROYA LAINAS IPPOLITO KIRKWOOD OPERATING REACTORS STELLO OPERATING TECH. EISENHUT	ENVIRO ANALYSIS DENTON & MULLER ENVIRO TECH. ERNST BALLARD SPANGLER SITE TECH. GAMMILL STEPP
BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: MC DONG (d) PEG FILE NRC PDR I & E (7) OELD GOSSICK & STAFF MIPC CASE HANAUER HARLESS PROJECT MANAGEMENT BOYD P. COLLINS	SYSTEM: HEINEM SCHROE! ENGINE: MACARR' BOSNAK SIHWEI! PAWLIC! REACTO! ROSS NOVAK	INTERNAL IS SAFETY AN DER ERING Y L KI R SAFETY	DISTE	BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: RIBUTION PLANT SYSTEMS TEDESCO BENAROYA LAINAS IPPOLITO KIRKWOOD OPERATING REACTORS STELLO OPERATING TECH. EISENHUT SHAO	ENVIRO ANALYSIS DENTON & MULLER ENVIRO TECH. ERNST BALLARD SPANGLER SITE TECH. GAMMILL
BRANCH CHIEF: PROJECT MANAGER: LIC, ASST.: MC DONG d REG FILE NRC PDR I & E (7) OELD GOSSICK & STAFF MIPC CASE HANAUER HARLESS PROJECT MANAGEMENT BOYD P. COLLINS HOUSTON	SYSTEM: HEINEM SCHROE! ENGINE: MACARR: BOSNAK SIHVEI! PAWLIC! REACTO! ROSS NOVAK ROSZTO	INTERNAL IS SAFETY AN DER ERING Y L KI R SAFETY	DISTE	BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: RIBUTION PLANT SYSTEMS TEDESCO BENAROYA LAINAS IPPOLITO KIRKWOOD OPERATING REACTORS STELLO OPERATING TECH. EISENHUT SHAO BAER	ENVIRO ANALYSIS DENTON & MULLER ENVIRO TECH. ERNST BALLARD SPANGLER SITE TECH. GAMMILL STEPP HULMAN
BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: MC DONG (d) PEG FILE NRC PDR I & E (7) OELD GOSSICK & STAFF MIPC CASE HANAUER HARLESS PROJECT MANAGEMENT BOYD P. COLLINS	SYSTEM: HEINEM SCHROE! ENGINE: MACARR' BOSNAK SIHWEI! PAWLIC! REACTO! ROSS NOVAK	INTERNAL IS SAFETY AN DER ERING Y L KI R SAFETY	DISTR	BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: RIBUTION PLANT SYSTEMS TEDESCO BENAROYA LAINAS IPPOLITO KIRKWOOD OPERATING REACTORS STELLO OPERATING TECH. EISENHUT SHAO BAER BUTLER	ENVIRO ANALYSIS DENTON & MULLER ENVIRO TECH. ERNST BALLARD SPANGLER SITE TECH. GAMMILL STEPP
BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: MC DONA d REG FILE NRC PDR I & E (7) OELD GOSSICK & STAFF MIPC CASE HANAUER HARLESS PROJECT MANAGEMENT BOYD P. COLLINS HOUSTON PETERSON	SYSTEM: HEINEM SCHROE! ENGINE: MACARR' BOSNAK SIHWEI! PAWLIC! REACTO! ROSS NOVAK ROSZTO! CHECK	INTERNAL OF SAFETY AN DER ERING Y L KI R SAFETY	DISTR	BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: RIBUTION PLANT SYSTEMS TEDESCO BENAROYA LAINAS IPPOLITO KIRKWOOD OPERATING REACTORS STELLO OPERATING TECH. EISENHUT SHAO BAER	ENVIRO ANALYSIS DENTON & MULLER ENVIRO TECH. ERNST BALLARD SPANGLER SITE TECH. GAMMILL STEPP HULMAN SITE ANALYSIS
BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: MC DONG (d) BEG FILE NRC PDR I & E (7) OELD GOSSICK & STAFF MIPC CASE HANAUER HARLESS PROJECT MANAGEMENT BOYD P. COLLINS HOUSTON PETERSON MELTZ	SYSTEM: HEINEM SCHROE! ENGINE: MACARR: BOSNAK SIHVEI! PAWLIC! REACTO! ROSS NOVAK ROSZTO	INTERNAL IS SAFETY AN DER ERING Y L KI R SAFETY	DISTE	BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: RIBUTION PLANT SYSTEMS TEDESCO BENAROYA LAINAS IPPOLITO KIRKWOOD OPERATING REACTORS STELLO OPERATING TECH. EISENHUT SHAO BAER BUTLER	ENVIRO ANALYSIS DENTON & MULLER ENVIRO TECH. ERNST BALLARD SPANGLER SITE TECH. GAMMILL STEPP HULMAN SITE ANALYSIS VOLLMER
BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: MC DONG (d) REG FILE NRC PDR I & E (7) OELD GOSSICK & STAFF MIPC CASE HANAUER HARLESS PROJECT MANAGEMENT BOYD P. COLLINS HOUSTON PETERSON MELTZ HELTEMES	SYSTEM: HEINEM SCHROE! ENGINE: MACARR' BOSNAK SIHWEI! PAWLIC! REACTO! ROSS NOVAK ROSZTOC CHECK AT & I SALTZM RUTBERG	INTERNAL IS SAFETY AN DER ERING Y L KI R SAFETY CZY		BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: RIBUTION PLANT SYSTEMS TEDESCO BENAROYA LAINAS IPPOLITO KIRKWOOD OPERATING REACTORS STELLO OPERATING TECH. EISENHUT SHAO BAER BUTLER	ENVIRO ANALYSIS DENTON & MULLER ENVIRO TECH. ERNST BALLARD SPANGLER SITE TECH. GAMMILL STEPP HULMAN SITE ANALYSIS VOLLMER BUNCH J. COLLINS KREGER
BRANCH CHIEF: PROJECT MANAGER: LIC, ASST.: MC DONA d REG FILE NRC PDR I & E (7) OELD GOSSICK & STAFF MIPC CASE HANAUER HARLESS PROJECT MANAGEMENT BOYD P. COLLINS HOUSTON PETERSON MELTZ HELTEMES SKOVHOLT	SYSTEM: HEINEM SCHROE! ENGINE: MACARR' BOSNAK SIHWEI! PAWLIC! REACTO! ROSS NOVAK ROSZTOC CHECK AT & I SALTZM RUTBERG EXTERNAL	INTERNAL IS SAFETY AN DER ERING Y L KI R SAFETY		BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: RIBUTION PLANT SYSTEMS TEDESCO BENAROYA LAINAS IPPOLITO KIRKWOOD OPERATING REACTORS STELLO OPERATING TECH. EISENHUT SHAO BAER BUTLER	ENVIRO ANALYSIS DENTON & MULLER ENVIRO TECH. ERNST BALLARD SPANGLER SITE TECH. GAMMILL STEPP HULMAN SITE ANALYSIS VOLLMER BUNCH J. COLLINS
BRANCH CHIEF: PROJECT MANAGER: LIC, ASST.: MC DONA d REG FILE NRC PDR I & E (7) OELD GOSSICK & STAFF MIPC CASE HANAUER HARLESS PROJECT MANAGEMENT BOYD P. COLLINS HOUSTON PETERSON MELTZ HELTEMES SKOVHOLT	SYSTEM: HEINEM SCHROE! ENGINE: MACARR' BOSNAK SIHWEI! PAWLIC! REACTO! ROSS NOVAK ROSZTOC CHECK AT & I SALTZM RUTBERG EXTERNAL	INTERNAL IS SAFETY AN DER ERING Y L KI R SAFETY CZY AN C DISTRIBUTION		BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: RIBUTION PLANT SYSTEMS TEDESCO BENAROYA LAINAS IPPOLITO KIRKWOOD OPERATING REACTORS STELLO OPERATING TECH. EISENHUT SHAO BAER BUTLER	ENVIRO ANALYSIS DENTON & MULLER ENVIRO TECH. ERNST BALLARD SPANGLER SITE TECH. GAMMILL STEPP HULMAN SITE ANALYSIS VOLLMER BUNCH J. COLLINS KREGER CONTROL NUMBER
BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: MC DONG () BEG FILE NRC PDR I & E (7) OELD GOSSICK & STAFF MIPC CASE HANAUER HARLESS PROJECT MANAGEMENT BOYD P. COLLINS HOUSTON PETERSON MELTZ HELTEMES SKOVHOLT LPDR: Hamisburg: Partices	SYSTEM: HEINEM SCHROE! ENGINE: MACARR' BOSNAK SIHWEI! PAWLIC! REACTO! ROSS NOVAK ROSZTO! CHECK AT & I SALTZM. RUTBER! EXTERNAL NAT. LA! REG V.II	INTERNAL IS SAFETY AN DER ERING Y L KI R SAFETY CZY AN C DISTRIBUTION B;		BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: RIBUTION PLANT SYSTEMS TEDESCO BENAROYA LAINAS IPPOLITO KIRKWOOD OPERATING REACTORS STELLO OPERATING TECH. EISENHUT SHAO BAER BUTLER GRIMES	ENVIRO ANALYSIS DENTON & MULLER ENVIRO TECH. ERNST BALLARD SPANGLER SITE TECH. GAMMILL STEPP HULMAN SITE ANALYSIS VOLLMER BUNCH J. COLLINS KREGER CONTROL NUMBER
BRANCH CHIEF: PROJECT MANAGER: LIC, ASST.: MC DONG () EEG FILE NRC PDR I & E (?) OELD GOSSICK & STAFF MIPC CASE HANAUER HARLESS PROJECT MANAGEMENT BOYD P. COLLINS HOUSTON PETERSON MELTZ HELTEMES SKOVHOLT LPDR: Harrisby, Parising, Par	SYSTEM: HEINEM SCHROE! ENGINE: MACARR' BOSNAK SIHWEI) PAWLIC! REACTO! ROSS NOVAK ROSZTOC CHECK AT & I SALTZM RUTBERG EXTERNAL NAT. LAN REG V.II LA PDR	INTERNAL IS SAFETY AN DER ERING Y L KI R SAFETY CZY AN G DISTRIBUTION B:		BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: RIBUTION PLANT SYSTEMS TEDESCO BENAROYA LAINAS IPPOLITO KIRKWOOD OPERATING REACTORS STELLO OPERATING TECH. EISENHUT SHAO BAER BUTLER GRIMES BROOKHAVEN NAT. LAB.	ENVIRO ANALYSIS DENTON & MULLER ENVIRO TECH. ERNST BALLARD SPANGLER SITE TECH. GAMMILL STEPP HULMAN SITE ANALYSIS VOLLMER BUNCH J. COLLINS KREGER CONTROL NUMBER
BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: MC DONG () BEG FILE NRC PDR I & E (7) OELD GOSSICK & STAFF MIPC CASE HANAUER HARLESS PROJECT MANAGEMENT BOYD P. COLLINS HOUSTON PETERSON MELTZ HELTEMES SKOVHOLT LPDR: Hamisburg: Partices	SYSTEM: HEINEM SCHROE! ENGINE: MACARR' BOSNAK SIHWEI) PAWLIC! REACTO! ROSS NOVAK ROSZTOC CHECK AT & I SALTZM RUTBERG EXTERNAL NAT. LAN REG V.II LA PDR CONSULTA	INTERNAL IS SAFETY AN DER ERING Y L KI R SAFETY CZY AN G DISTRIBUTION B:		BRANCH CHIEF: PROJECT MANAGER: LIC. ASST.: RIBUTION PLANT SYSTEMS TEDESCO BENAROYA LAINAS IPPOLITO KIRKWOOD OPERATING REACTORS STELLO OPERATING TECH. EISENHUT SHAO BAER BUTLER GRIMES BROOKHAVEN NAT. LAB.	ENVIRO ANALYSIS DENTON & MULLER ENVIRO TECH. ERNST BALLARD SPANGLER SITE TECH. GAMMILL STEPP HULMAN SITE ANALYSIS VOLLMER BUNCH J. COLLINS KREGER CONTROL NUMBER



METROPOLITAN EDISON COMPANY

POST OFFICE BOX 542 READING, PENNSYLVANIA 19603

TELEPHONE 215 - 929-3601

February 17, 1977 GQL 0210

Director of Nuclear Reactor Regulation Attn: Mr. W. G. McDonald, Director Office of Management Information U. S. Nuclear Regulatory Commission Washington, D.C. 20555

Dear Sir:

Three Mile Island Nuclear Station Unit 1 (TMI-1)
Docket No. 50-289
Operating License No. DPR-50

Attached please find the TMI-1 Rating/Capacity data requested by your office.

Sincerely,

R. C. Arnold Vice President

RCA: JMC: tas

Attachments

1000

Unit Name Three Mile Island Nuclear Station, Unit 1 (TMI-1)

1.	Namep. te Rating (Gross MWe) 871 The nameplate rating is the megavolt amperage (MVA) times the nameplate power factor of the turbine-generator.
2.	Maximum Dependable Capacity (Gross MWe) 840 The gross maximum dependable capacity is the gross electrical output as measured at the output terminals of the turbine-generator during the most restrictive seasonal conditions.
3.	Design Electrical Rating (Net MWe) 819 The net design electrical rating is that nominal output of the unit specified by the utility and used for the purpose of plant design.

Please provide the following information or verify the information provided:

4. Maximum Dependable Capacity (Net MWe) 792

The net maximum dependable capacity is the gross electrical output as measured at the output terminals of the turbine-generator during the most restrictive seasonal conditions less the normal station service loads.

The above referenced information has been reviewed and corrected or verified.

Name

Title Manager-Operational Quality Assurance

Phone Number 215-929-3601 Ext. 111

General Electric:

Steam Turbine Generator Unit 17GX399

Rating 837478KW 1800 Rpm 13 stages

Steam conditions pressure 885Psig

Temperatures 565°F

Exhaust pressure 1.70"/2.25"/2.80" Hg absolute

Generator BTB 4 poles 60 cycles #180X399 Hydrogen and water cooled

Y connected for 19,000 volts rating

Exitation 500 volts gas pressure 60 Psig

Temperature rise at rated load KVA 967800.

Generated not to exceed 54°C on stator winding by detector 64°C on field by resistance.

Stator amperage 29,408

Field amperage 3,483

Power factor .9