

 PANEL MTO INSTRUMENTS IN CONTROL CENTER

 RACK/PANEL MTO INSTRUMENTS IN FIELD

 LOCALLY MTO INSTRUMENTS ON TURBINE OR FIELD

 INDICATES SIGNAL INPUT FROM INSTRUMENT TO COMPUTER

 INDICATES INSTRUMENT INITIATED ALARM

 EDISON INSTRUMENT IDENT N/A
(SEE NOTE-5) LETTER N/A: NOT APPLICABLE

 GEC INSTRUMENT IDENT N/A
(SEE NOTE-6) LETTER N/A: NOT APPLICABLE

 EDISON COMPUTER SEQUENCE NO IN COMPUTER
I/O LIST (SEE NOTE 6)

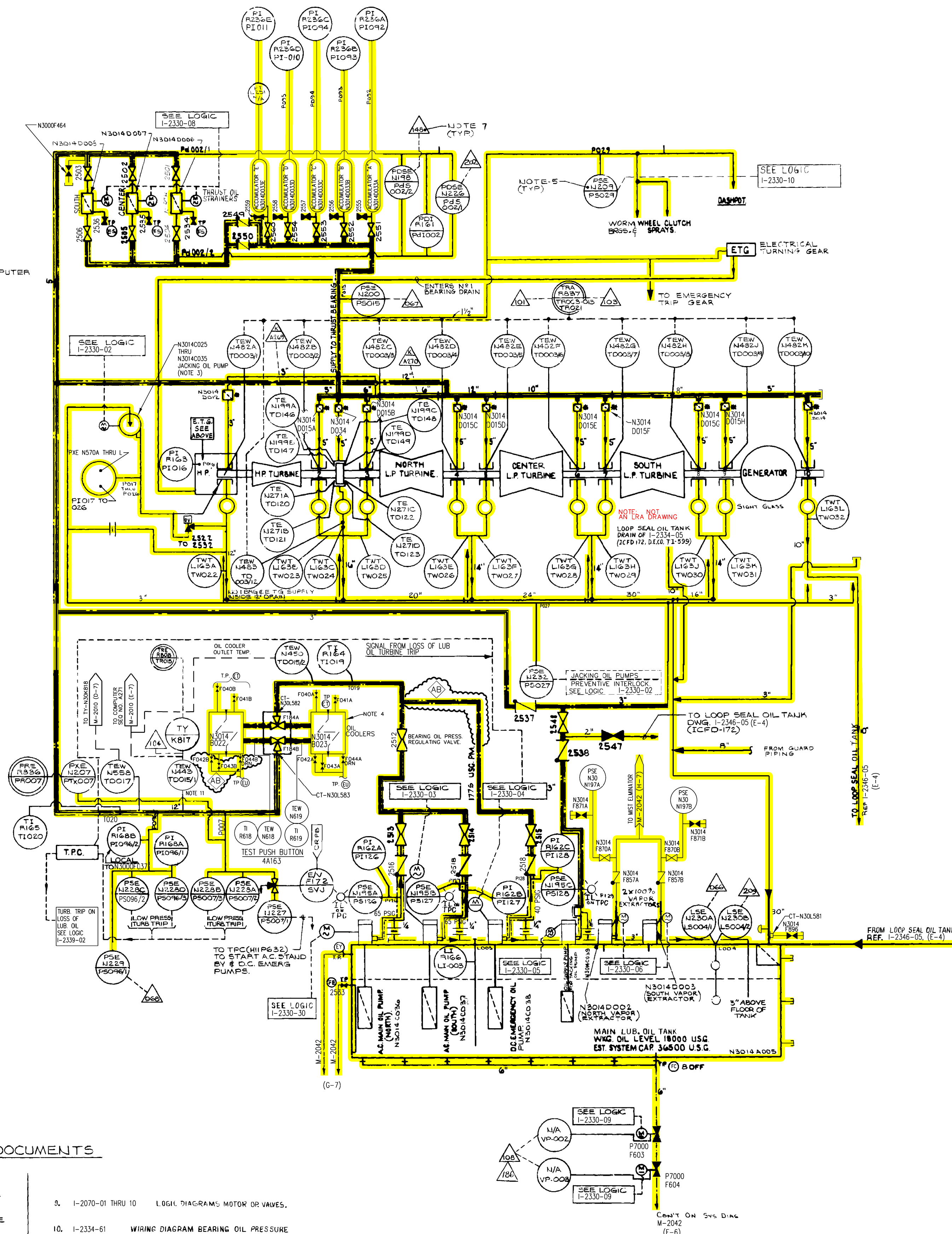
 EDISON ASSIGNED ALARM N/A
(SEE NOTE-7)

T.F. (E) TYPICAL GEC TERMINAL POINT AS LISTED ON EDISON FILE-TI-517

	A-C MOTOR
	D-C MOTOR
	* TEMPORARY STRAINER BASKET TO BE USED ONLY DURING LUBRICATING OIL SYSTEM FLUSHING OPERATIONS.
	VALVES NORMALLY CLOSED.
	VERTICAL PUMP

SEC. NO. (EDISON FILE NO.)	TITLE
F10523/3066 (TI-1367)	ARRANGEMENT OF PIPING FOR LUBRICATING OIL SYSTEM
R501A144488 (T6-109)	DETAILS OF LUBRICATING OIL PIPE WORK
F10523/3072 (TI-752)	ELECT. EQUIPMENT FOR STM. TURBINE CONTROL..
R501A1462 (TI-517)	DIAG. ARRANGEMENT OF SEC. SYSTEM TERM. POINTS

<u>(EDISON NUMBER)</u>	<u>TITLE</u>
1. I-2334-18	MECH. & ELECT. LAYOUT-LUBE OIL INST. RACK (STRAINERS) H21P261
2. I-2334-19	MECH. & ELECT. LAYOUT-LUBE OIL INST. RACK (PUMPS) H21P260
3. I-2333-07	MECH. LAYOUT-TURB-PROTECTION CUBICLE (MECH.) H21P254
4. I-2336-04	INST. FLOW DIAG TURBINE OIL COOLING SYSTEM (ICFD 1644)
5. I-2334-17	WIRING DIAGRAM-TURB. PROTECTION CUBICLE (MECH.) H21P254
6. N30-14-50	MAIN TURB. LUB. OIL SYSTEM & LUB. OIL PURIFICATION TRANSFER AND WASTE OIL SYSTEM 53D.
7. I-2342-05	TURB. ELECT. INST. AND EQUIP. PLAN
8. M-2010	GENERAL SERVICE WATER WAGRAM.



1. ALL PIPE SIZES ARE NOMINAL BORE UP TO 12" & OUTSIDE DIA. FOR LARGE SIZES. ALL PIPING IS STANDARD WEIGHT WITH ASA 150 OR BS TABLE "F" FLANGE WHERE NECESSARY.
2. ALL PRESSURE OIL PIPING TO THE MACHINE ARE PROVIDED WITH DRAINED GUARD PIPING OR ROUTED INSIDE DRAINS.
3. THE JACKING PUMP ARRANGEMENT SHOWN IS REPEATED ON ALL JOURNAL BEARINGS. THE OIL SUPPLY PIPING TO THESE ARE RUN INSIDE DRAIN PIPING.
4. TWO 100% OIL COOLERS ONE ON DUTY DISS. 4900 BTU'S/SEC. FLOW 27000 US GPM OIL OUT - 110°F. C.W IN - 95°F. REF. I-2336-04.
5. ALL EDISON INSTRUMENT NO'S ON THIS DWG ARE PRE-FIXED "130" UNLESS INDICATED OTHERWISE (EXAMPLE: N30N209 ETC.).
6. ALL EDISON COMPUTER SEQUENCE NO'S SHOWN ON THIS DWG ARE PRE-FIXED "A" UNLESS OTHERWISE INDICATED. (EXAMPLE: A-170)
7. ALL EDISON ASSIGNED ALARM NO'S ARE SUFFIXED "N30" UNLESS INDICATED OTHERWISE. (EXAMPLE: 148 N30 ETC)
8. VALVE NUMBERS SHOWN ON THIS DRAWING ARE PRE-FIXED "FV14" UNLESS INDICATED OTHERWISE.
9. FOR INSTRUMENT DESCRIPTION / LOCATION SEE CECO
10. THERMOWELL OR SOURCE CONNECTION BY VENDOR - DEVICE BY EDISON
11. DELETED
12. TEMPORARY STRAINER BASKETS, WILL BE USED ONLY DURING LUBRICATING OIL SYSTEM FLUSHING OPERATIONS, BUT ARE NOT TO BE IN PLACE FOR TURBINE OPERATIONS

TABLE № I	
GEC TAP POINT	EDISON NUMBER
P003	N30L236
P004	N30L237
P007	N30L206
P015	N30L238
P016	N30L239
P017	N30L240A
P018	N30L240B
P019	N30L240C
P020	N30L240D
P021	N30L240E
P022	N30L240F
P023	N30L240G
P024	N30L240H
P033	N30L240J
P036	N30L240K
P037	N30L241
P039	N30L207
P042	N30L242
P043	N30L243
P044	N30L244
P045	N30L245
P046	N30L208
P116	N30L246
P117	N30L247
P118	N30L248
P119	N30L249
P130	N30L250
P0002/1	N30L205A
P0002/2	N30L205B
T019	N30L225
T020	N30L270

SHOWN FOR BRG #1. TYPICAL FOR 2 THRU 10

FT (L415) PXE (N570A) TO A SHAFT

FT	PXE	BRG NO.
L414	N570B	2
L415	N570C	3
L416	N570D	4
L417	N570E	5
L418	N570F	6
L419	N570G	7
L420	N570H	8
L421	N570J	9
L422	N570K	10

61721-2336-26
LATEST REVISION
AR

COMPONENTS SUBJECT TO AMR

NON-SAFETY RELATED SYSTEMS & COMPONENTS AFFECTING SAFETY RELATED SYSTEMS AMM25

THIS IS A MICROSTATION PRODUCED DRAWING
CHANGES OR REVISIONS MUST BE BROUGHT
TO THE ATTENTION OF THE PLANT ENGINEERING
DESIGN GROUP TO ENSURE THAT CONFIGURATION
CONTROL IS MAINTAINED.

				THIS DRAWING WAS REFORMATTED BY MICROSTATION AT REVISION "T" ALL PREVIOUS APPROVAL SIGNATURES ARE ON FILE ON MICROFILM IN DOCUMENT CONTROL		INC CODE T		TITLE Detroit Edison Fermi 2 INSTRUMENT FLOW DIAGRAM ICFD 165/1 TURBINE LUBRICATING OIL SYSTEM	
AB DODD'S INCORPORATED.				A PORTION OF THIS DRAWING IS AFFECTED BY THE FOLLOWING:		PREPARED BY DATE			
				TC CHANGE DOCUMENT		CHECKED BY DATE			
OTHER REVISIONS:						APPROVED BY DATE		ARMATURE CARD TITLE INST ICFD 165/1 TURB LUBE OIL	
REVISE PER CARD 11-23722 ADMINISTRATIVE CHANGES PER PEPS-0019						PLANT IDENTIFICATION SYSTEM NUMBER N5000, N5014		ARMS RECIPIENT #	
PREPARED BY S. EISENMANN		DATE 7/18/11		CHECKED BY DATE		DOCUMENT TYPE CODE DDDDINC		NUC OPS FILE NO 1801	
APPROVED BY		DATE		OTHER APPROVALS DATE		DRAWING NUMBER 61721-2336-26		REV AB	
				ADD-POSTING ENTRIES REQUIRE THE EDITION OF THE ARMS STATUS CODE OTHER NUC OR TAD					

0	3-7-2014	.	.	.	.
NO.	DATE	DESCRIPTION	BY	ENG	CHK APP
REVISIONS LRA-I-2336-26					
CAD FILE i2336-26.DGN					
RASTER FILE					