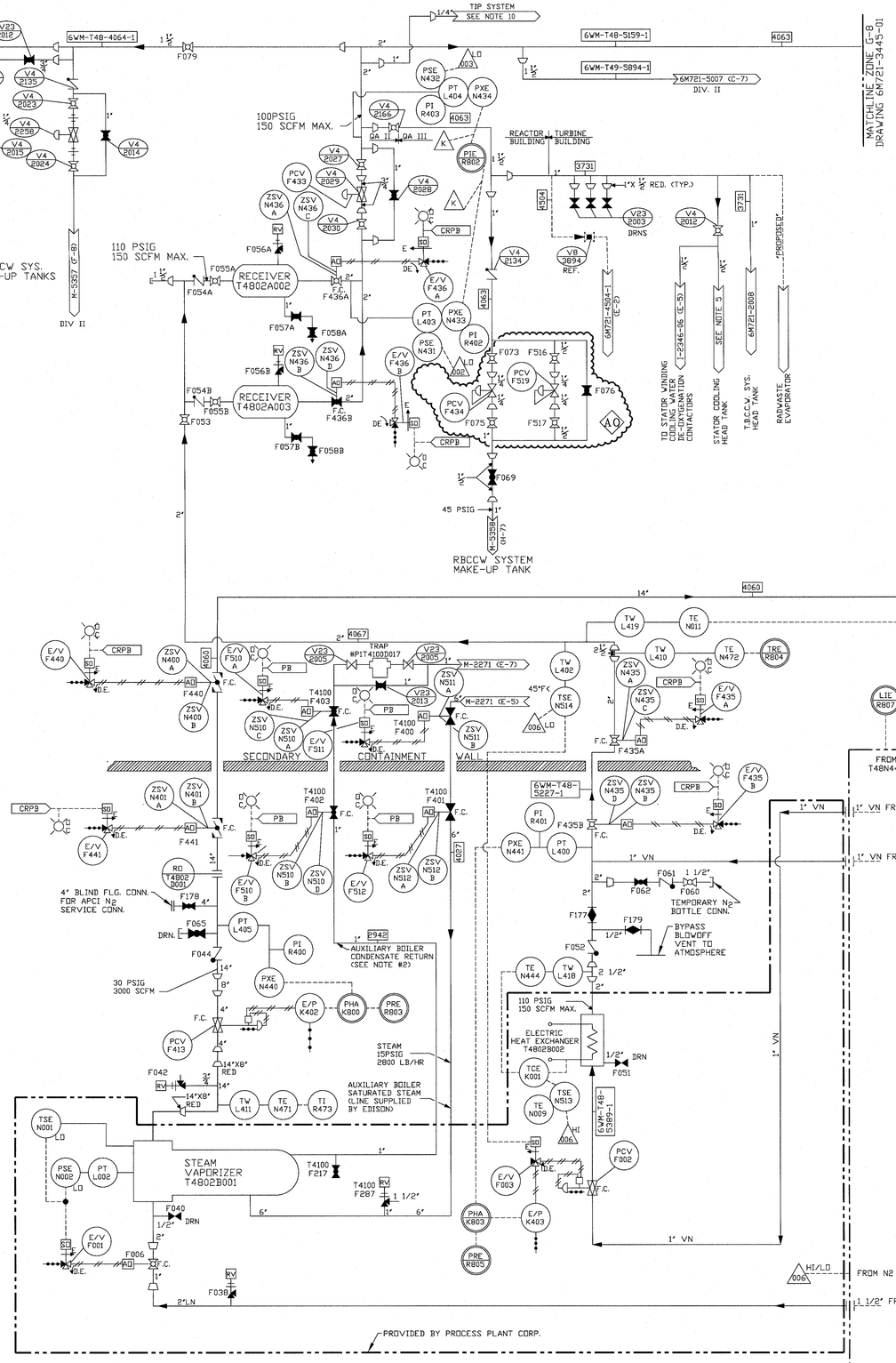

TABLE									
VACUUM BREAKER VALVES					N_2 SUPPLY ISOLATION VALVES				
VACUUM BREAKER VALVE NO.	SOLENOID VALVE INSTRUMENT NO.	VACUUM BREAKER LIMIT SWITCHES INSTRUMENT NUMBERS			PENETRATION NUMBER	ISOLATION VALVE NO.	LIMIT SWITCH INSTRUMENT NO.	SOLENOID VALVE INSTRUMENT NO.	CHECK VALVE NUMBER	TEST CONN. VALVE NUMBER
T2300F400A	E/V-T23F400A	ZSV-T23N400A	ZSV-T23N401A	ZSV-T23N402A	X-204a	T4800F416	ZSV-T48N416A & B	E/V-T48F416	T4800F113A	T4800F114A
T2300F400B	E/V-T23F400B	ZSV-T23N400B	ZSV-T23N401B	ZSV-T23N402B	X-204b	T4800F417	ZSV-T48N417A & B	E/V-T48F417	T4800F113B	T4800F114B
T2300F400C	E/V-T23F400C	ZSV-T23N400C	ZSV-T23N401C	ZSV-T23N402C	X-204c	T4800F418	ZSV-T48N418A & B	E/V-T48F418	T4800F113C	T4800F114C
T2300F400D	E/V-T23F400D	ZSV-T23N400D	ZSV-T23N401D	ZSV-T23N402D	X-204d	T4800F419	ZSV-T48N419A & B	E/V-T48F419	T4800F113D	T4800F114D
T2300F400E	E/V-T23F400E	ZSV-T23N400E	ZSV-T23N401E	ZSV-T23N402E	X-204e	T4800F420	ZSV-T48N420A & B	E/V-T48F420	T4800F113E	T4800F114E
T2300F400F	E/V-T23F400F	ZSV-T23N400F	ZSV-T23N401F	ZSV-T23N402F	X-204f	T4800F421	ZSV-T48N421A & B	E/V-T48F421	T4800F113F	T4800F114F
T2300F400G	E/V-T23F400G	ZSV-T23N400G	ZSV-T23N401G	ZSV-T23N402G	X-204g	T4800F422	ZSV-T48N422A & B	E/V-T48F422	T4800F113G	T4800F114G
T2300F400H	E/V-T23F400H	ZSV-T23N400H	ZSV-T23N401H	ZSV-T23N402H	X-204h	T4800F423	ZSV-T48N423A & B	E/V-T48F423	T4800F113H	T4800F114H
T2300F400J	E/V-T23F400J	ZSV-T23N400J	ZSV-T23N401J	ZSV-T23N402J	X-204j	T4800F424	ZSV-T48N424A & B	E/V-T48F424	T4800F113J	T4800F114J
T2300F400K	E/V-T23F400K	ZSV-T23N400K	ZSV-T23N401K	ZSV-T23N402K	X-204k	T4800F425	ZSV-T48N425A & B	E/V-T48F425	T4800F113K	T4800F114K
T2300F400L	E/V-T23F400L	ZSV-T23N400L	ZSV-T23N401L	ZSV-T23N402L	X-204l	T4800F426	ZSV-T48N426A & B	E/V-T48F426	T4800F113L	T4800F114L
T2300F400M	E/V-T23F400M	ZSV-T23N400M	ZSV-T23N401M	ZSV-T23N402M	X-204m	T4800F427	ZSV-T48N427A & B	E/V-T48F427	T4800F113M	T4800F114M

NOTES:

1. REFERENCE INFORMATION
   - (b) NITROGEN INERTING SYSTEM SPECIFICATION NO. 3071-101.
   - (c) PURCHASE B/M P4-97M
   - (d) ALL EDISON PIPING IS 150# ANSI RATED.
   - (e) ISOLATION VALVES IN THE PNEUMATIC SUPPLY LINE TO THE SUPPRESSION POOL VACUUM BREAKER VALVES WILL ONLY BE OPENED WHEN TESTING OF THE VALVE IS REQUIRED & DURING INERTING.
   - (f) VACUUM BREAKER SPECIFICATION NO. 3071-86
   - (g) PURCHASE B/M P1-41M-VALVE DECO FILE NO'S. P1-784&785.
   - (h) PROCESS PLANTS CORPORATION DRAWINGS:

TITLE	DECO FILE NO.
GENERAL ARRG'MT	P4-51
INCONNECTING PIPING	P4-52
STEAM VAPORIZER	P4-53
NITROGEN VAPORIZER	P4-54
ELEC-HTX	P4-55
STORAGE TANK	P4-125

2. AUXILIARY BOILER CONDENSATE RETURN LINE DRAIN VALVES SHALL BE MAINTAINED IN THE OPEN POSITION WHEN STEAM VAPORIZER IS NOT IN USE. THE RETURN LINE PIPING SHALL BE SLOPED TO THESE DRAIN POSITIONS.
3. VALVE T4800F130 SHALL OPEN ONLY DURING CONTAINMENT INERTING MODE.
4. TO INERT THE DRYWELL, VALVE T4800F459 IS REMOTELY CLOSED, AFTER INERTING IS COMPLETED, VALVE T4800F440 IS CLOSED AND VALVE T4800F459 IS OPENED.
5. FOR CONT. SEE TERMINAL POINT 'DE' ON STATOR HEAD TANK DWG. EDISON FILE #T1-777. ALSO SEE ENGLISH ELECT CO DIAGRAM, EDISON FILE #R1-610.
6. FOR LEGEND OF SYMBOLS & ABBREVIATIONS SEE DWG. 6M721-2000 & 6M721-2001.
7. [ ] DENOTES ISOMETRIC DRAWING NUMBER (PREFIX NO. 6M721-[ ]) OR VALVE LOCKED POSITION EITHER LOCKED OPEN/ LOCKED CLOSED AS INDICATED BY 'LO' OR 'LC'.
8. INSTRUMENTATION ADDED ON REV. D.
9. UNLESS OTHERWISE SHOWN: ALL INSTRUMENT PIS NUMBERS ARE PREFIXED T48. ALL VALVE AND EQUIPMENT PIS NUMBERS ARE PREFIXED T4800.
10. FORMER N_2 SUPPLY TO TIP SYSTEM, CAPPED AND ABANDONED IN PLACE PER EDP 4940. SEE DRAWING 6M721-4063-1 FOR DETAILS. FOR NEW TIP SYSTEM N_2 SUPPLY, SEE 6M721-5740.
11. PRIMARY CONTAINMENT MONITORING SYSTEM 61721-2679-01.
12. THIS REMOVABLE SPOOL PIECE TO BE REMOVED WHEN PERSONNEL ARE ON BREATHING AIR INSIDE DRYWELL.
13. SEE BLEED-OFF TUBING DWG. 61721-2516-03 (DET. 13).
14. FOR SYSTEM FUNCTIONAL OPERATING SKETCH SEE DWG. 6M721-5739-1.
15. NITROGEN INERT SYSTEM CONTROL BUILDING 61721-2659-1.
16. THE VENT HEADER AND DOWNCOMER SYSTEM INTERNAL TO THE TORUS WAS DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE ASME CLASS B PRESSURE VESSEL CODE 1968 THROUGH SUMMER 1969 ADDENDA BUT IS NOT LEAK TESTED.
17. NOTE DELETED
18. POSITION-LOCKED CLOSED (LC), METHOD-SEALED CLOSED BARRIER VIA ELECTRICALLY DE-ENERGIZED.

MATCHLINE ZONE D-8
DRAWING 6M721-3445-01

FOR CONTINUATION SEE DRAWING 6M721-3445-01

6M721-3445
LATEST REVISION AQ

NON-NUCLEAR SAFETY RELATED

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 'AM'. ALL PREVIOUS APPROVAL SIGNATURES ARE ON FILE ON MICROFILM IN DOCUMENT CONTROL

AQ DCD'S INCORPORATED:
EDP 37710.B016, REV. Ø

OTHER REVISIONS:
REF. LCR 16-068-UFS

PREPARED BY	DATE	CHECKED BY	DATE
JUSTIN MOSES	3-22-2017	John Moses for Robert Moses for this Murphy III per TMPE-13-0028	9/25/17 3/23/17

APPROVED BY: John Moses

A POSITION OF THIS DRAWING IS AFFECTED BY THE FOLLOWING:

TC	CHANGE DOCUMENT

EDP POSTING ENTRIES REQUIRE THE ADDITION OF THE ARMS STATUS CODE: EITHER "APC" OR "ASB"

PREPARED BY		DATE
CHECKED BY		DATE
APPROVED BY		DATE
OTHER APPROVALS		DATE

INC.CODE: T

Detroit Edison Fermi 2

TITLE
DIAGRAM
NITROGEN INERTING AND SUPPLY SYSTEM

APERTURE CARD TITLE
DIA NITROGEN INERTING SYSTEM

PLANT IDENTIFICATION SYSTEM NUMBER: T4802 — ARMS RECIPIENT #

DOCUMENT TYPE CODE: DDDMEC — NUC OPS FILE NO.: 1801 — DATE ISSUED TO IS: 3-23-2017

DRAWING NUMBER: 6M721-3445 — REV.: AQ