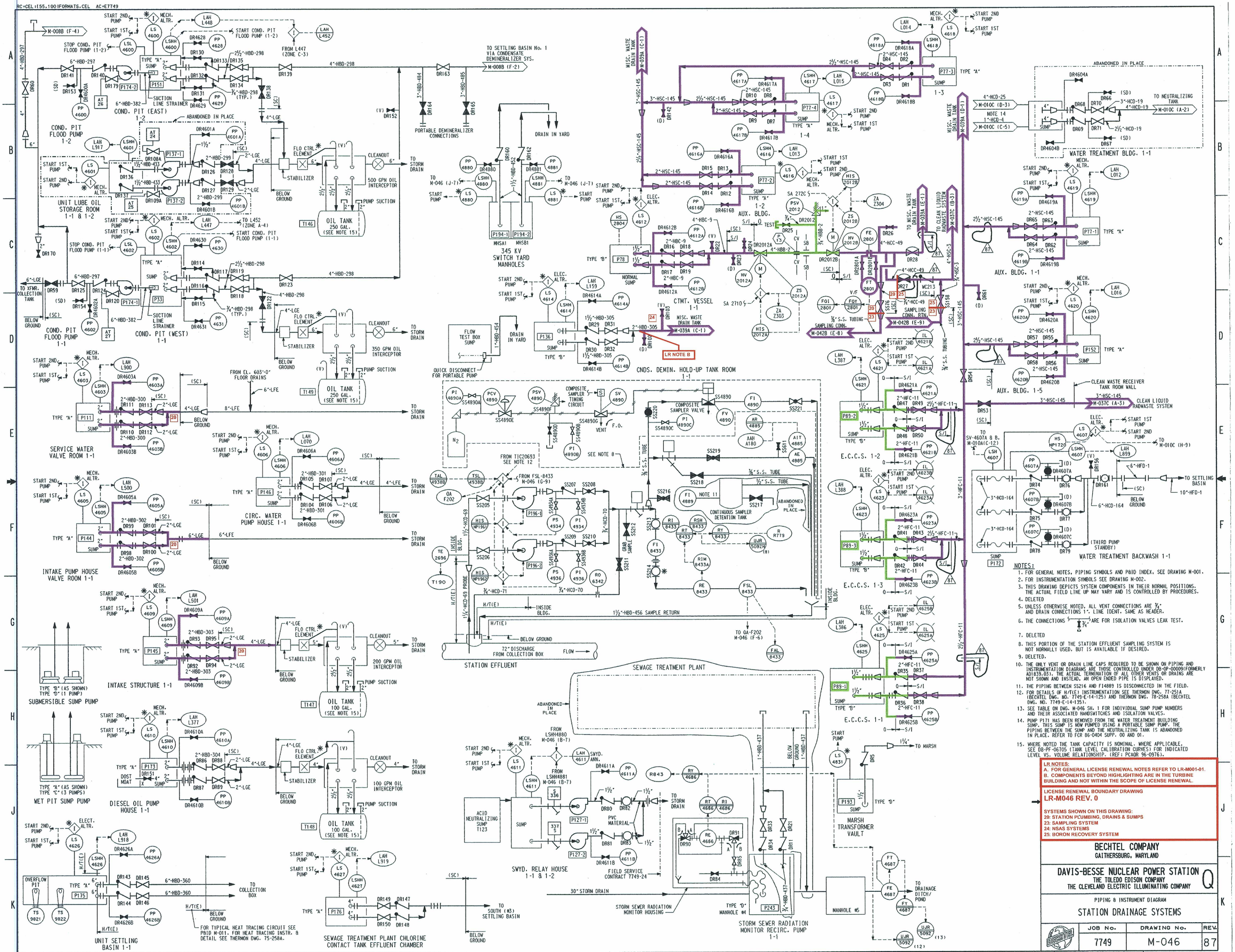

NOTES:

1. FOR GENERAL NOTES, PIPING SYMBOLS AND P&ID INDEX, SEE DRAWING M-001.
2. FOR INSTRUMENTATION SYMBOLS SEE DRAWING M-002.
3. THIS DRAWING DEPICTS SYSTEM COMPONENTS IN THEIR NORMAL POSITIONS. THE ACTUAL FIELD LINE UP MAY VARY AND IS CONTROLLED BY PROCEDURES.
4. DELETED
5. UNLESS OTHERWISE NOTED, ALL VENT CONNECTIONS ARE 3/4" AND DRAIN CONNECTIONS 1". LINE IDENT. SAME AS HEADER.
6. THE CONNECTIONS 3/4" ARE FOR ISOLATION VALVES LEAK TEST.
7. DELETED
8. THIS PORTION OF THE STATION EFFLUENT SAMPLING SYSTEM IS NOT NORMALLY USED, BUT IS AVAILABLE IF DESIRED.
9. DELETED.
10. THE ONLY VENT OR DRAIN LINE CAPS REQUIRED TO BE SHOWN ON PIPING AND INSTRUMENTATION DIAGRAMS ARE THOSE CONTROLLED UNDER DB-OP-00009(FORMERLY AD1839.03). THE ACTUAL TERMINATION OF ALL OTHER VENTS OR DRAINS ARE NOT SHOWN AND INSTEAD, AN OPEN ENDED PIPE IS DISPLAYED.
11. THE PIPING BETWEEN SS216 AND FI4889 IS DISCONNECTED IN THE FIELD.
12. FOR DETAILS OF H/T(E) INSTRUMENTATION SEE THERMON DWG. 77-251A (BECHTEL DWG. NO. 7749-E-14-125) AND THERMON DWG. 78-258A (BECHTEL DWG. NO. 7749-E-14-135).
13. SEE TABLE ON DWG. M-046 SH. 1 FOR INDIVIDUAL SUMP PUMP NUMBERS AND THEIR ASSOCIATED HANDSWITCHES AND ISOLATION VALVES.
14. PUMP P171 HAS BEEN REMOVED FROM THE WATER TREATMENT BUILDING SUMP. THIS SUMP IS NOW PUMPED USING A PORTABLE SUMP PUMP. THE PIPING BETWEEN THE SUMP AND THE NEUTRALIZING TANK IS ABANDONED IN PLACE. REFER TO FCR 86-0404 SUPP. 00 AND 01.
15. WHERE NOTED THE TANK CAPACITY IS NOMINAL. WHERE APPLICABLE, SEE DB-PF-06705 (TANK LEVEL CALIBRATION CURVES) FOR INDICATED LEVEL VS. VOLUME RELATIONSHIP. (REF: PCAQR 96-0976).

LR NOTES:
A. FOR GENERAL LICENSE RENEWAL NOTES REFER TO LR-M001-01.
B. COMPONENTS BEYOND HIGHLIGHTING ARE IN THE TURBINE BUILDING AND NOT WITHIN THE SCOPE OF LICENSE RENEWAL.

LICENSE RENEWAL BOUNDARY DRAWING
LR-M046 REV. 0

SYSTEMS SHOWN ON THIS DRAWING:
20: STATION PLUMBING, DRAINS & SUMPS
23: SAMPLING SYSTEM
24: NSAS SYSTEMS
25: BORON RECOVERY SYSTEM

BECHTEL COMPANY
GAITHERSBURG, MARYLAND

DAVIS-BESSE NUCLEAR POWER STATION Q
THE TOLEDO EDISON COMPANY
THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

PIPING & INSTRUMENT DIAGRAM
STATION DRAINAGE SYSTEMS

JOB No.	DRAWING No.	REV.
7749	M-046	87

DFN= 1/PIDS/M046.DGN
DB 01-23-06 14 34X44 "E" SIZE

D-77 01 D 77