RC-CEL:(55,100)FORMATS.CEL AC-ET749

LOCATION	CLG. TOWER MAKE-UP PUMPS 1-1 TE (9)	1-1 T (10)	1-2 TE (11)	1-2 T (12)	SCREEN WASH PUMPS 1-1 TE (13)	1-1 T (14)	1-2 TE (15)	1-2 T (16)
MOTOR STATOR	847A	T145	848A	T150	679A	T861	845A	T866
MOTOR BEARING OT.	847B	T147	848B	T152	679B	T863	845B	T868
MOTOR BEARING OT. (PUMP END)								
PUMP BEARING OT. (MOTOR END)								
PUMP BEARING OT.								
THRUST BEARING								

SCREEN WASH PUMPS

TO TRASH TROUGH

SCREEN WASH PUMP STRAINER F43-1

FROM PSL-4740 THIS DWG.(C-3)

SCREEN WASH PUMP STRAINER F43-2

TO TRASH TROUGH

2"-HBD-90

10"-HBD-30

LR NOTE B

TO INTERLOCK THIS DWG.(A-5)(A-6)

4"-HBD-30 M-013 (C-9)

4"-HBD-30 M-013 (B-8)

4"-HBD-30 M-013 (B-6)

TRASH TROUGH

TO SCREEN WASH CATCH BASIN

¾"-HBD-30 TO WATER TREATMENT BACKWASH SUMP

M-012E (D-12)

M-012E (D-13)

M-012E (D-14)

TRAVELING WATER SCREEN 1-1 F1-1

TRAVELING WATER SCREEN 1-2 F1-2

TRAVELING WATER SCREEN 1-3 F1-3

SCREEN DRIVE CONTROLLER

BUBBLE TUBE

INS. FLG. (TYP.)

4"-JED (TYP.)

WISC. BLDG. AIR SUPPLY HDR. N-900B (B-8)

AIR VOLUME TANK #1 T215-1 81 GAL. (SEE NOTE 14)

AIR VOLUME TANK #2 T215-2 81 GAL. (SEE NOTE 14)

M-012E (D-5)

M-012E (D-7)

M-012E (D-9)

NOTES:

1. FOR NOTES SEE DRAWING M-012D.
2. THE INTAKE CRIB AIR BUBBLER SYSTEM HAS BEEN ABANDONED IN PLACE. COMPESSORS C76-1 & C76-2 AND ASSOCIATED PIPING AND EQUIPMENT ARE INSTALLED AND WILL REMAIN OUT OF SERVICE. THIS DRAWING WILL NOT BE MAINTAINED TO SHOW THE AS-BUILT CONFIGURATION OF THAT SYSTEM, AS COMPONENTS MAY BE REMOVED IN THE FIELD.

TO COLLECTION BOX M-041C (A-12)

FROM LIC-918 (M-012D (H-6))

36"-HBD-28 M-012D (J-7)

30"-HBD-194 FROM SERVICE WATER M-041C (A-6)

24"-HBD-28

COOLING TOWER MAKE-UP PUMP STRAINER

COOLING TOWER MAKE-UP PUMPS

TO INTAKE FOREBAY M-041A (C-9)

TO INTAKE FOREBAY M-041A (C-4)

STATION INTAKE CRIB AIR BUBBLER

INTAKE CRIB AIR BUBBLER COMPRESSORS 1-1 & 1-2

2"-JBD-25

2"-JBD-26 (TYP.)

STRAINER

SEPARATOR C76-1

SEPARATOR C76-2

SEE NOTE 2

LR NOTE C

FROM WATER TREATMENT P-010A (A-3)

LR NOTES:

A. FOR GENERAL LICENSE RENEWAL NOTES REFER TO LR-M001-01.

B. COMPONENTS BEYOND THE HIGHLIGHTING ARE OUTSIDE THE INTAKE STRUCTURE, AND THEREFORE NOT IN SCOPE.

C. HIGHLIGHTED COMPONENTS ARE LOCATED IN THE SERVICE WATER (PIPE TUNNEL. AS SHOWN IN NOTE 2 ON THIS DRAWING, THE INTAKE CRIB AIR BUBBLER SYSTEM HAS BEEEN ABANDONED IN PLACE (CUT, CAPPED, AND DRAINED) AND IS THEREFORE NOT IN SCOPE.

LICENSE RENEWAL BOUNDARY DRAWING
LR-M012E REV. 1

SYSTEMS SHOWN ON THIS DRAWING:
24: NONSAFETY AFFECTING SAFETY

BECHTEL ASSOCIATES PROFESSIONAL CORPORATION (OHIO)
GAITHERSBURG, MARYLAND

DAVIS-BESSE NUCLEAR POWER STATION UNIT NO.1
THE TOLEDO EDISON COMPANY

PIPING & INSTRUMENT DIAGRAM
SCREEN WASH AND COOLING TOWER MAKE-UP SYSTEM

JOB NO.	DRAWING NO.	REV.
12501	M-012E	18

THIS DRAWING REV.0 SUPERSEDES IN PART DRAWING M-012A REV.30. WORK THIS DRAWING WITH M-012D.

DFN= 1:/PIDS/M012E.DGN DB 08-28-07 14 34X44 "E" SIZE

01012