



FOR PAID REFERENCE DRAWINGS, SYMBOLS AND ABBREVIATIONS REFER TO DRAWINGS PAID - LEGEND 1 AND PAID - LEGEND 2

LEGEND

DESIGN	TEST	TEST	TEST
PRESSURE	PRESSURE	TEMP °F	MEDIUM
(Y)	TEST BOUNDARY		
(C)	INTEGRITY TEST 1185 PSIG	1778/1895 PSIG	SEE NOTE 9 ON WATER
(Z)	INTEGRITY TEST 1185 PSIG	1481/1578 PSIG	SEE NOTE 9 ON WATER
(S)	INITIAL SERVICE		
(M)	NO TEST REQUIRED		

NOTE:
 A. VENTS & DRAINS WITH CAPS/BLIND FLANGES ETC. SHALL BE TESTED TO THE LAST ISOLATION VALVE.
 B. MINIMUM TEST TEMP. OF 180 F IS REQUIRED FOR ALL NOMINAL PIPE DIAMETERS GREATER THAN 12" OR PIPE HAVING A WALL THICKNESS OF 5/8".

- NOTES:
- WORK THIS DRAWING WITH DRAWINGS 28574, 28598, 28581 & 28583 THROUGH 28587.
 - ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTS HAVE SYSTEM PREFIX AND UNLESS NOTED OTHERWISE.
 - VENTS, DRAINS AND TEST CONNECTION CODE BREAKS ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE PER I-HAT-985111, UNLESS NOTED OTHERWISE.
 - DELETED.
 - CHECK VALVES V417, V418, V488, V484, & V485 ARE TO BE INSTALLED OPPOSITE FROM DIRECTION OF FLOW IN VERTICAL RUN OF PIPE SUCH THAT THEY HANG OPEN AND ALLOW DRAINAGE WHEN SYSTEM IS DEPRESSURIZED, THUS ENSURING CONDENSATE DRAINAGE & PREVENTING WATER HAMMER.
 - THE CLASS BREAK HAS BEEN EXTENDED AS SHOWN TO INCREASE THE INTEGRITY OF THE SYSTEM AND QUALITY OF THE COMPONENTS.
 - DELETED.
 - CLEANLINESS CLASS "C"
 - DELETED.
 - INDICATES REVISION LEVEL
 - SYSTEM DESCRIPTION NO. IS 50-3
 - VALVES V299 & V300 ARE THROTTLED 1/4 OPEN FROM FULL CLOSED POSITION.
 - THE INTERNALS FROM VALVES V267 & V268 HAVE BEEN REMOVED.
 - INDICATES AMS SAFETY CLASS 3, NOT ASME CODE CLASS 3. (DRAWING'S STANDARDS)
 - FOR INSTRUMENT AIR DETAILS SEE PID 1A-B28647.
 - FOR INSTRUMENT AIR DETAILS SEE PID 1A-B28644.

PORTIONS OF THIS DRAWING ARE
NUCLEAR SAFETY RELATED

NO	DATE	BY	CHKD	APP	DESCRIPTION	
18	6/5/88	BCS	---	---	INCORP HMOO 169558 DCN-82	
9	6/28/87	DWS	---	---	INCORP DCR 978884 DCN-88	
8	11/25/85	HPF	---	---	INCORP DCR 94423 CAB	
7	8/24/85	BCL	---	---	HRB DWS RSG INCORP HMOO 92-582 CAB, B2	
6	1/28/85	HRB	---	---	HRB DWS RSG INCORP HMOO 91-515 CAB	
5	10/9/81	GPH	FCB	JM	HRB RWH INCORP DCR 98-32 CAB REVISED NOTE 3	
4	6/4/80	HRB	RHC	JM	APL GRH INCORPORATED HMOO 98-538 CAB	
3	2/9/80	HRB	FCB	APL	WCL RHC INCORP DCR 89-41 CA 12 REVISED NOTE 3	
2	6/1/87	HRJ	DWS	OS	BCL RHC IDENTIFIED SUMP LOCATIONS, ADDED SYSTEM AND CLASS BREAKS, REVISED AND ADDED LINE NITS AND FLANGES PER UEAC PAID, ADDED MITD REF DWGS AND INCORP'D DCR 87-212.	
1	12/11/86	JDN	TAK	HRJ	BCL RHC INCORP'D ECA 19/171584	
8	1/22/86	DWS	SAN	BCL	WVK RHC ISSUED FOR OPERATIONS	
REV	DATE	DSGN	DRWN	CHKD	CODE	DESCRIPTION

North Atlantic Energy Service Corporation

**MAIN STEAM SYSTEM
 EMERGENCY FEEDTURINE
 PUMP SUPPLY
 DETAIL**

SEABROOK STATION PID- 1-MS-D20582

REF. DRAWING NO.	REV	TITLE
9763-F-980001	8	MAIN STEAM SYS. MITD
9763-F-980013	5	MAIN TURBINE & STEAM PIPING DRAINS MITD
9763-F-282806	14	MAIN TURBINE & STEAM PIPING DRAINS PAID
9763-F-282110	2	MAIN STEAM PIPING DRAINS P & ID
9763-F-282874	21	MAIN STEAM SYSTEM SHT. 1 OF 2 P & ID

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