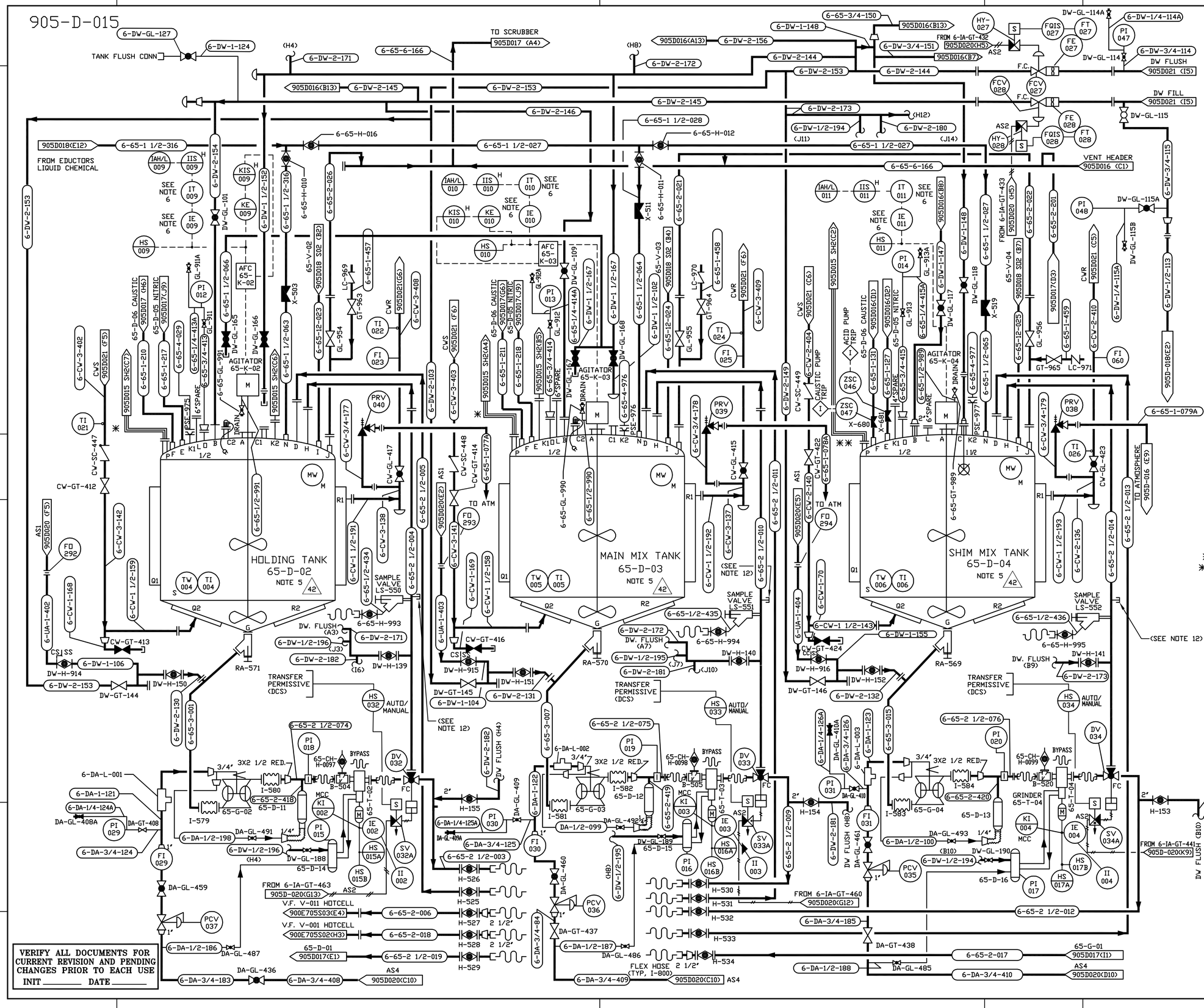
905-D-015



NO.	DATE	REVISION	DR	CH	APPROVED	
B	05-14-87	GENERAL REVISION	TJK	AJD	RJL	AJD FSK MDW
C	08-14-87	REVISION PER EBAR 945A	TJK	AJD	EGS RJL	AJD FSK MDW
D	10/23/87	REVISION PER EBAR 945B	TJK	JV	RJL	AJD MDW
0	10/3/88	ER 1468			JRH	
36	9/18/97	ECN 10746	DMM	HAB		
37	4/1/98	ECN 10927	JLH	HAB		
38	07/02/98	ECN 11260	BP	HAB		
39	01/25/99	ECN 11813	BP	HAB		
40	3/6/99	ECN 11732	DMM	HAB		
41	5/14/99	ECN 12024	RJR			
42	12/06/2004	ECN 26139		HAB		

REFERENCE DRAWINGS

COLD CHEMICAL UTILITY P & ID'S

905-D-019
905-D-020
905-D-021
905-D-022

NOTES

1. AIR SUPPLY LEGEND
   AS1=100 PSIG UTILITY AIR.
   AS2= 50 PSIG INSTRUMENT AIR.
   AS3= 20 PSIG INSTRUMENT AIR.
   AS4=100 PSIG DRY UTILITY AIR.
2. ALL SLURRY LINES SHALL BE DESIGNED WITH LONG RADIUS (5D) BENDS.
3. ALL SLURRY TRANSFER LINES TO BE DESIGNED WITH BREAK FLANGES LOCATED EVERY 10 FEET MINIMUM.
4. ALL BALL VALVES IN SLURRY SERVICE TO BE FULL PORTED WITH BOLT ON BONNETS.
5. TANKS 65-D-02, 03 & 04 ARE PERMANENTLY CLOSED IN COMPLIANCE WITH 6-NYCRR PART 598.10 REQUIREMENTS 42
6. THIS ITEM IS LOCATED IN MCC.
7. ALL INSTRUMENT ITEM NUMBERS ARE PRECEEDED BY 65-.
8. ALL VALVE/SPECIALTY ITEM NUMBERS ARE PRECEEDED BY 6-65-.UNLESS OTHERWISE NOTED
9. HORNS SHALL BE PLACED IN WEIGH SCALE AREA AND AT THE EAST SIDE OF THE EL. 115.00' OPERATING PLATFORM.
10. ALL LINE NUMBERS ARE PRECEEDED BY 6
11. SUMMARY ALARM GY-9902 TO VF CONTROL ROOM DCS FROM 65-CP-01 ANNUNCIATOR, 65-ANN-01. REFER TO DWG 900E-705, SHEET 16, MISC ALARMS & INTERFACES FOR ALARMS AND PERMISSIVE DETAILS.
12. SAMPLE PORTS TO BE UTILIZED FOR TEMPORARY INSTALLATION OF HYDRAGARD SAMPLER USED TO SAMPLE TANK CONTENTS

✳ LEVEL CONTROL STATION #1
✳✳ LEVEL CONTROL STATION #2

EQUIPT. NUMBER	NAME	REFERENCE DWG. NO.	DESCRIPTION
65-D-02	SLURRY HOLD TANK	E-1489	5000 GAL. WORKING VOL. 9'-6"ØX8'-9 S.S,304LSS
65-D-03	MAIN MIX TANK	E-1490	5000 GAL. WORKING VOL. 9'-6"ØX8'-9 S.S,304LSS
65-D-04	SHIM TANK	E-1492	500 GAL. WORKING VOL. 4'-0"ØX5'-9 S.S,304LSS
65-G-02 65-G-03	SLURRY PUMPS	——	AIR OP DOUBLE DIAPHRAGM PUMPS
65-G-04			WR MODEL SB3-A 0-260GPM,3"SIZE
65-K-02 65-K-03	5K TANK AGITATORS	——	15 HP,68 RPM,1-36"DIA.& 2-54"/DIA.BLADES,304LSS
65-K-04	SHIM TANK AGITATOR	——	2 HP,84 RPM,2-24"DIA. BLADES,304L SS
65-D-14 65-D-15 65-D-16	SEAL WATER POTS	——	IKA WORKS SUPPLIED SEAL POTS
65-D-11 62-D-12 65-D-13	SLURRY PUMP PULSATION DAMPERS	——	WARREN RUPP TRANQUILIZER
65-T-02 65-T-03 65-T-04	SLURRY GRINDERS	——	IKA WORKS, 40 H.P. DISPAX, 100 GPM

FOR DRAWING INDEX SEE DRAWING NO. _____

APPRVD WVNS CO.		EBASCO SERVICES INCORPORATED
PROJECT MGR M.D. WEINGART	03-31-87	A/E D.F.S. NO. 2388 FOR TASK ORDER 009
ENGINEER SUPV A.J. DIFILIPPO	03-31-87	WEST VALLEY NUCLEAR SERVICES COMPANY, INC WEST VALLEY, NEW YORK
LEAD DISC ENGR F. TULIPANO	03-31-87	WEST VALLEY DEMONSTRATION PROJECT
DESIGN R.J. LEWKO	03-31-87	P & ID
CHECKED T.J. PIAZZA	03-31-87	COLD CHEMICAL PREPARATION AND FEED SYSTEM
DRAWN R.J. LEWKO	DATE 03-31-87	
DE-AC07-81NE44139		
PROJECT NO. 19-CWV-02275		SIZE D; INDEX CODE NUMBER: AREA / DR. TYP / CL / ORIG; DRAWING NO. 905-D-015; REV. 42
SUBCONTRACT NO.		
ISSUED FOR CONSTRUCTION		SCALE: NONE; SPEC. CODES; A/E SHEET NO. 905-D-015 S01

VERIFY ALL DOCUMENTS FOR CURRENT REVISION AND PENDING CHANGES PRIOR TO EACH USE
INIT _____ DATE _____

905-D-015_001_041 1=1.00

CAD DRAWING - Do not revise this original.