CAH-916 DRAWING LIST

INSTRUMENT (CONTINUED)

HEATING & VENTILATION

H-3-20323	BASEMENT VENTILATION AREA 3
H-3-20389	SCHEMATIC ARRGT BASEMENT & 1ST FLOOR
H-3-20390	SCHEMATIC ARRGT 2ND & 3RD FLOORS
H-3-20391	PLAN BELOW EL 0'-0" & SECTIONS - AREA 1
H-3-20392	PLAN BELOW EL 0'-0" AREA 3
H-3-20393	PLAN EL (-) 12'-0" AREA 4
H-3-20394	PLAN BELOW EL 0'-0" AREA 5
H-3-20395	PLAN EL 0'-0" TO EL (+) 25'-6" AREA NO. 1
H-3-20396	PLAN & SECTION EL 0'-0" AREA 2
H-3-20397	PLAN EL 0'-0" AREA 3
H-3-20398	PLAN EL 0'-0" AREA 4
H-3-20399	PLAN FIRST FLOOR AREA 5
H-3-20400	SECTIONS AREA 5
H-3-20402	IN-CELL FILTER HOLDER
H-3-20403	PLAN EL (+) 25'-6" TO EL (+) 36'-0" AREA 1
H-3-20404	PLAN & SECT EL (+) 11'-6" AREA 2
H-3-20405	PLAN EL (+) 11'-6" AREA 3
H-3-20406	PLAN EL (+) 25'-6" AREA 3
H-3-20407	IN-CELL FILTER CLAMP ASSY
H-3-20408	IN-CELL FILTER HOLDER DETAIL
H-3-20409	SUPPLY FAN ROOM ARRGT & GEN NOTES
H-3-20410	SECTIONS AREA 4 & LEGEND
H-3-20411	SUPPLY PLENUM ARRGT & DETS
H-3-20412	SECTIONS & DETAILS
H-3-20413	SECTIONS AREA 4
H-3-20422	ZONES 1 AND 2 EXHAUST FANS
H-3-20425	HIGH EFFICIENCY FILTER CARTRIDGE ASSY
H-3-20433	SECTIONS & DETAILS AREA 5
H-3-20435	DETAILS
H-3-20436	DETAILS
(7) H-3-35860	PROCESS VENT. SUPPLY UNITS-PREHEAT COIL REPLACEMENT

EQUIPMENT

H-3-20429	1	DECONTAMINATION STALL ASSY
H-3-20429	2	" " "
H-3-20430		DECONTAMINATION STALL DETAIL
H-3-20431		DECONTAMINATION STALL MISC DETAIL
H-3-20432		DECONTAMINATION STALL MISC DETAIL
H-3-20439	1	TRANSFER MECHANISM HOUSING ASSY FAB TO PREP CELL
H-3-20439	2	" " MISC DETAILS
H-3-20441		TRANSFER MECHANISM ASSY BASIN TO MET CELL
H-3-20442		CONVEYOR HOOD DETAIL

EQUIPMENT (CONTINUED)

H-3-20443		CONVEYOR DETAIL
H-3-20444		TRANSFER MECHANISM MISC DETS
H-3-20445		MISC DRIVE DETAILS
H-3-20446		TRANSFER MECHANISM ASSY BASIN TO HOT PILOT CELL
H-3-20447		TRANSFER MECHANISM DETAIL
H-3-20448		TRANSFER MECHANISM DETAIL
H-3-20450		TRANSFER MECHANISM ASSY FABRICATION TO PREP CELL
H-3-20453		TRANSFER MECHANISM MISC DETAILS
H-3-20454		TRANSFER MECHANISM RATCHET ASSY & DET
H-3-20623	1	DECONTAMINATION STALL ASSY
H-3-20623	2	" " FRAME
H-3-20623	3	" " FRAME & DETAILS
H-3-20624	1	DOOR DECONTAMINATION STALL
H-3-20624	2	" " "
H-3-20625	1	DECONTAMINATION STALL WINDOW 20 X 30
H-3-20625	2	" " " 20 X 30 DETAILS
H-3-20626	1	COVER DECONTAMINATION STALL ASSY
H-3-20626	2	" " " " DETAILS
H-3-20627	1	DECONTAMINATION STALL WINDOW 16 X 16
H-3-20627	2	" " " DETAILS
H-3-26208	1	SPACE REQUIREMENTS FOR MANIPULATOR REMOVAL
H-3-26208	2	BUILDING SERVICES MODIFICATIONS FOR MANIP REMOVAL
H-3-26288		MANIPULATOR AND STEP PLUG SLEEVES
H-3-26430		PREP CELL BRIDGE MTG DETS
H-3-26431		FAB CELL BRIDGE MTG DETS
H-3-26432		AIRLOCK CELL BRIDGE MTG DETS

PIPING

H-3-20428	SPRINKLER SYSTEM FIRE ZONES
H-3-20437	PIPING ELEVATIONS & DETS SERV & DRAINAGE & LABORATORY EQUIP
H-3-20438	PIPING ELEV & DETS SERV & DRAINAGE & LAB EQUIP
H-3-20440	NO 177 WASTE STORAGE TANK
H-3-20459	PIPING PLAN SERV & DRAINAGE AREA 1 BASEMENT
H-3-20460	PIPING PLAN SERV & DRAINAGE AREA 1 1ST FLOOR
H-3-20461	PIPING SECTS-DETS SERV & DRAINAGE AREA 1
H-3-20464	PIPING PLAN SERV & DRAINAGE AREA 2 BELOW EL 0'-0"
H-3-20465	PIPING PLAN SERV & DRAINAGE AREA 2 1ST FLOOR
H-3-20466	PIPING PLAN SERV & DRAINAGE AREA 2 2ND FLOOR
H-3-20467	PIPING ISOMETRICS & DETS SERV & DRAINAGE AREA 2
H-3-20471	PIPING ISOMETRICS SERV & DRAINAGE AREA 3
H-3-20472	PIPING PLAN SERV & DRAINAGE AREA 3 BASEMENT
H-3-20473	PIPING PLAN SERV & DRAINAGE AREA 3 1ST FLOOR
H-3-20474	PIPING PLAN SERV & DRAINAGE AREA 3 2ND FLOOR
H-3-20475	PIPING PLAN SERV & DRAINAGE AREA 3 3RD FLOOR
H-3-20476	PIPING SECTIONS SERV & DRAINAGE AREA 3
H-3-20477	PIPING SECTIONS SERV & DRAINAGE AREA 3
H-3-20478	PIPING PLAN & SECTS SERV & DRAINAGE AREA 3
H-3-20479	PIPING SECTS & PLANS DRAINAGE AREA 3
H-3-20480	PIPING SECTS & PLANS SERV & DRAINAGE AREA 3
H-3-20481	PIPING PLAN SERV & DRAINAGE AREA 4 BASEMENT
H-3-20482	PIPING PLAN SERV & DRAINAGE AREA 4 1ST FLOOR
(9) H-3-20485	PIPING PLAN SERV & DRAINAGE AREA 4 VENT & EQUIP RM
H-3-20486	PIPING SECTS SERV & DRAINAGE AREA 4 VENT & EQUIP RM
H-3-20488	TANK PROCESS WASTE FLOW DIAGRAM
H-3-20489	PIPING PLAN BELOW EL 0'-0" AREA 5
H-3-20490	PIPING PLAN SERV & DRAINAGE AREA 5 1ST FLOOR
H-3-20491	PIPING SECTIONS SERV & DRAINAGE AREA 5
H-3-20492	PIPING SECTIONS SERV & DRAINAGE AREA 5
H-3-20493	PIPING SECTIONS TANK VAULTS AREA 5
H-3-20496	PIPING PLAN TANK VAULTS AREA 5

PIPING (CONTINUED)

H-3-20507	SAMPLER ARRGT
H-3-20508	SAMPLER JUMPER DETAIL
H-3-20509	HIGH LEVEL SAMPLER TRENCH & HOOD DETAIL
H-3-20510	LOW LEVEL SAMPLER TRENCH & HOOD DETAIL
H-3-20511	SAMPLER MISC DETAIL
H-3-20512	SAMPLER TRENCH SPRAY SYSTEM & EXHAUST DETAIL
(7) H-3-35861	STEAM & CONDENSATE FOR PREHEAT COIL REPLACEMENT
(8) H-3-36222	MODIF & REPLACEMENT OF STM & CONDS AREAS 3 & 5

REFERENCE DRAWINGS

H-3-9224		4" & 2" STEAM LINE DETAILS
H-3-12076		PLAN & PROFILE STEAM & SERVICE PIPING
H-3-20369		INST - ELEC CRITICAL RADIATION ALARM WIRING DIAG & DETS
H-3-20383		CHARCOAL CARTRIDGE TUBE ASSY
H-3-20415		NO 101 WASTE TANK
H-3-20416		NO 102 WASTE TANK
H-3-20417		NO 103 WASTE TANK
H-3-20418		NO 104 WASTE TANK
H-3-20419		NO 105 WASTE TANK
H-3-20420		NO 106 WASTE TANK
H-3-21000		DRAWING LIST-WASTE SOLIDIFICATION ENGINEERING PROTOTYPE
H-3-21015		WASTE VAULT STORAGE TANK TK - 107
H-3-21670		"A" CELL LINER PENETRATIONS PLAN & ELEV. SOLIDS STG ENGR TEST FACILITY
H-3-21673		HIGH BAY CELL LIGHTING WIRING DIAGRAM. SOLIDS STG ENGR TEST FACILITY
H-3-21674		HIGH BAY CELL LIGHTING PLAN. SOLIDS STG ENGR TEST FACILITY
H-3-21676		"A" CELL CUBICLE PIPE MODIFICATION. SOLIDS STG ENGR TEST FACILITY
H-3-21677		"A" CELL GALLERY PIPE MODIFICATION. SOLIDS STG ENGR TEST FACILITY
H-3-21678		ION CHAMBER SHIELDING CASK. SOLIDS STG ENGR TEST FACILITY
H-3-21680		MANIPULATOR MONORAIL HIGH BAY ("A") CELL. SOLIDS STG ENGR TEST FACILITY
H-3-21683		HVAC - PLAN & DETAILS. SOLIDS STG ENGR TEST FACILITY
H-3-21684		HVAC - FILTER FRAME DETAILS. SOLIDS STG ENGR TEST FACILITY
H-3-26035		ARCHITECTURAL PLANS & DETAILS. LIQUID METAL FACILITIES
H-3-28301		PLAN & DRAWING INDEX FISSION PRODUCT RELEASE LABORATORY
H-3-28326		AREA 3 MODIFIED LIGHTING & COND PLAN. SOLIDS STG ENGR TEST FACILITY
H-3-28389	1	TRANSFER DRAWER DETAIL. SOLIDS STG ENGR TEST FACILITY
H-3-28389	2	" " " " " " " "

CERTIFIED VENDOR INFORMATION DWGS

14300	PYBUS STEEL CO (MISC/STEEL)
14301	COLUMBIA BASIN STEEL CO (REINF STEEL)
14303	VERMICULITE CONT INC (VERMICULITE MATERIAL)
14304	ISAACON IRON WORKS (STRUCTURAL STEEL)
14309	GENERAL ELECTRIC CO (ELECTRICAL EQUIP)
14310	RAY PROOF CO (VIEWING WINDOWS)
14312	GRINNELL CO (FIRE PROTECTION SYSTEM)
14315	AMERICAN CHAIN & CABLE CO (DECON STALL DOOR HOIST)
14316	HONEYWELL INC (EXHAUST AIR SAMPLER)
14317	PENBERTHY WINDOWS (VIEWING WINDOWS)
14319	INLAND STEEL PRODUCTS (STEEL SIDING)
14320	GAMEWELL CO (FIRE ALARM SYSTEM)
14321	UNION MACHINE WORKS (CRANES)
14323	UNION IRON WORKS (SHIELDING & DOORS)
14324	HONEYWELL INC (INSTRUMENTATION)
14325	EXECUTONE (PANALARM) (ALARM SYSTEM)
14326	HEAD MECHANICAL INC (VENT SYSTEM A.T.P'S)
14327	BEACH RUSS CO (VENT EQUIPMENT)
14328	MINE SAFETY APPLIANCES (VENT EQUIPMENT)
14329	BOHN ALUMINUM CO (VENT EQUIPMENT)
14330	L. J. WING MFG CO (VENT EQUIPMENT)
14331	FLEXICRAFT INDUSTRIES (VENT EQUIPMENT)
14332	WESTERN BLOWER CO (VENT EQUIPMENT)
14333	THE TRANE CO (VENT EQUIPMENT)
14334	U S RUBBER CO (VENT EQUIPMENT)
14335	PERMALAB - METALAB CO (LABORATORY EQUIPMENT)
14336	WESTINGHOUSE ELECTRIC CORP (SUPPLY & EXHAUST FANS)
14337	SPOKANE HARDWARE (FINISH HARDWARE SCHEDULE)
14338	CAMBRIDGE FILTER CORP (AIR FILTERS)
14339	FARR CO (AUTOMATIC AIR FILTERS)
14340	CARNES CORP (ROOF VENTILATORS)
16935	REUTER - STOKES ELECT COMPONENTS (GAMMA ION CHAMBER)

HIGH BAY EXTENSION

DWG NO	INDEX NO	DWG TITLE
	CIVIL	
H-3-34257	0060/0110	Civil Site Pl & INDEX
	ARCHITECTURAL	
H-3-34258	0800	PL @ 0'-0" SCHED & DET
H-3-34259	0800	PL @ 11'-6" RF PL, SEC & DET
H-3-34260	0800	PL @ 30'-0" EL & SEC
H-3-34261	0801	DETAILS
	STRUCTURAL	
H-3-34262	0900	FDN PL DET & GEN NOTES
H-3-34263	1000	11'-6 & 30'-0 MEZZANINE
H-3-34264	1000	ROOF PL & EL
H-3-34265	1000	DETAILS
	ELECTRICAL	
H-3-34266	7201/7301	DIAG PNL SCHED & DET
H-3-34267	7301/7501	PLOT PL PWR & ALARM PL & DET
H-3-34268	7401	LTG & RECPT PL & DET
	HVAC	
H-3-34269	0900	FLOW CONT DIAG & GEN NOTES
H-3-34270	0900	PL & SEC
H-3-34271	0900	PL & DET
	PIPING	
H-3-34272	8408	PL & DET PROCESS
H-3-34273	8510	DRAINAGE
H-3-34273	8510	PL, DET & ISOMETRICS
		FIRE PROTECTION
H-3-34274	8508	SPRINKLER SYS PL & SEC
H-3-34275	8508	SPRINKLER SYS PL & SEC

REVISIONS

MICRO F'M'D	APPD FOR CONFORM WITH DESIGN CRIT BY-DATE	FOR	APPD BY-DATE	FOR	REV BY DATE	DESCRIPTION	REV NO.
S	OWD 3-12-91	PNL		PNL	DW 3-12-91	ADDED HIGH BAY EXT DWGS 23-D	10
M	JCW 10-11-78	LE&D	CHARTS JH 10-4-78	HEDL	C.W 10-2-78	AS BUILT PER FMP - BNW-876	9
M			12-20-72	LE&D	LDN 12/19/72	ADDED DWG NO. ZONE F-7	8
M			10-2-72	LAB Engr	L.D.H 9/19/72	ADDED DWG. NO., ZONE F-7 & C-13	7
			JWS 3-20-69	D&D	[illegible] 12/11/68	DITION OF ORIGINAL REDRAWN DUE TO CON-	6

DWG. NO.	REV NO.	DRAWING TITLE OR INDEX NO.
REFERENCE DRAWINGS		
NEXT USED ON		

COMMENT PRT ISSUE NO. — DATE — CHECK PRT ISSUE NO. — DATE — LAST REV 10 — DRAWING STATUS

APPD. FOR CONFORMANCE WITH DESIGN CRITERIA BY	R. W. DASCENZO 10-30-62
FOR	HLO
APPD	H. C. RICHES 10-30-62
APPD	H. F. PETERSON 10-9-62
ENGR	J. R. WAITE 6-15-62
DFTG APPD	
CHECKED	R. WORLEY 6-15-62
DRAWN	J. V. LOFTUS 6-15-62
SCALE	NONE
CLASSIFIED BY	[signature] 12-26-68
CLASSIFICATION	NONE

U. S. ATOMIC ENERGY COMMISSION
RICHLAND OPERATIONS OFFICE
PACIFIC NORTHWEST LABORATORY
OPERATED BY BATTELLE MEMORIAL INSTITUTE

DRAWING LIST

FUELS RECYCLE PILOT PLANT

BLDG. NO. 324 — INDEX NO. 0000

DWG NO. H-3-20150 — SHEET NO. 2 — SHEETS 2

CHARLES BRUNING CO. 84-1950-046-EA 500 (10-60)