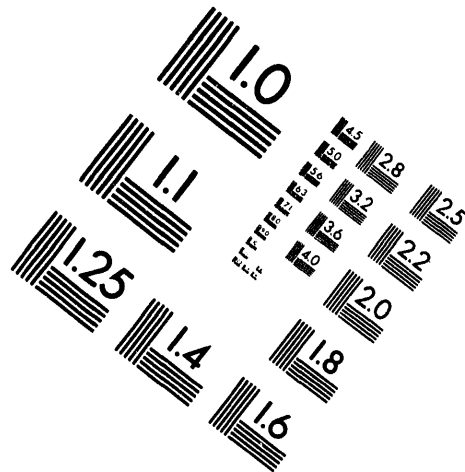
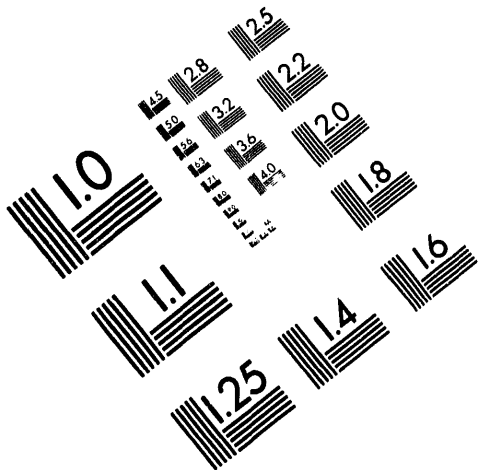




AIM

Association for Information and Image Management

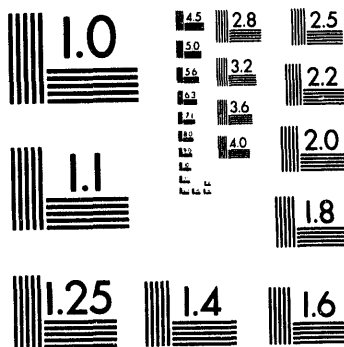
1100 Wayne Avenue, Suite 1100
Silver Spring, Maryland 20910
301/587-8202



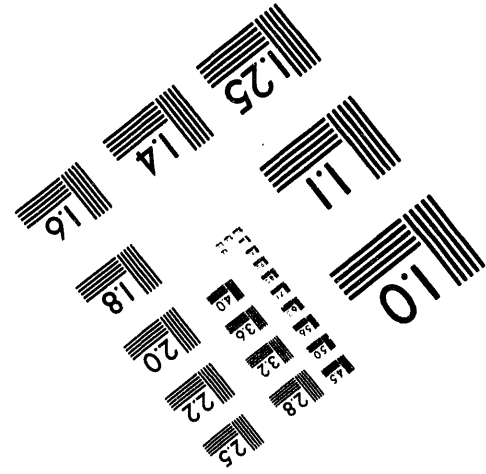
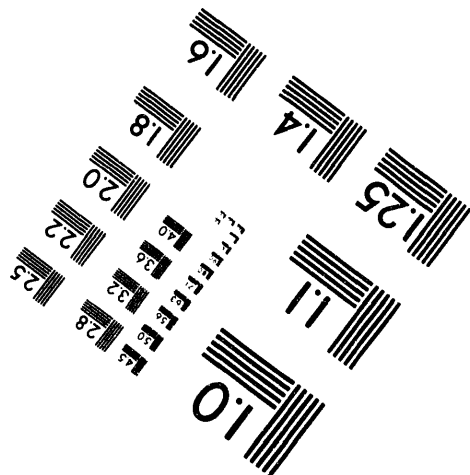
Centimeter



Inches



MANUFACTURED TO AIM STANDARDS
BY APPLIED IMAGE, INC.



1 of 1

NRTSC
**NUCLEAR REACTOR TECHNOLOGY
AND SCIENTIFIC COMPUTATIONS**

WSRC-TR-92-534
Task No.: 92-104-1

KEYWORDS:
ONSET OF FLOW INSTABILITY
ONSET OF SIGNIFICANT VOID
DEMAND CURVES
LOSS OF COOLANT ACCIDENT
ANNULUS

RETENTION:
PERMANENT

**NUCLEATE BOILING PRESSURE DROP IN AN ANNULUS,
BOOK 5 (U)**

ISSUED: NOVEMBER, 1992

D. Allen Coatts

**Authorized Derivative Classifier/
Reviewing Official**

SRL SAVANNAH RIVER TECHNOLOGY CENTER, AIKEN, SC 29808
Westinghouse Savannah River Corporation
Prepared for the U.S. Department of Energy under
Contract DE-AC09-89SR18035

MASTER

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED *ds*

February 19, 1991 at 4:04 p.m.

PLUTO FILE INDEX

Page 1

DATE	ID	TA TITLE
02/23/90	CALC-01	06 COSMOS MOD FILES - ARCHIVED (FLOPPY DISK)
00/00/00	CALC-02	01 PLUTO HEATER DESIGN (1 BOX OF FLOPPY DISKS)
00/00/00	CALC-03	01 THERMAL ANALYSIS SEAL OUT (1 BOX OF FLOPPY DISKS)
00/00/00	CALC-04	06 DESIGN NOTES MHH
00/00/00	CALC-05	06 DESIGN NOTES MHH
11/24/87	CALC-8711-01	01 HEAT EXCHANGER MHH
01/14/88	CALC-8801-01	01 4-POLE BUTTERWORTH-BURR BORWN UAF41 FXD
03/01/88	CALC-8803-01	06 INITIAL THOUGHTS ON POWER VS. FLOW CUTOFF CJC
04/10/88	CALC-8804-01	01 TRANSIENT SEAL PROBLEMS EPC
07/11/88	CALC-8807-01	08 FLUID TEMPERATURE PROBE DESIGN/INSTALLATION BHS
07/11/88	CALC-8807-02	08 WALL TEMPERATURE PROBE DESIGN/INSTALLATION BHS
07/13/88	CALC-8807-03	06 COOLING WATER
07/14/88	CALC-8807-04	10 MONITOR DISPLAY SCREEN 1 EPC
08/15/88	CALC-8808-01	01 HEATER TEMP. ANALYSIS MHH
08/19/88	CALC-8808-02	08 PLUTO-PRESS. MEAS. LINE HEAT LOSS CAL. MEMO BHS/FXD
09/07/88	CALC-8809-01	10 SAMPLE CALCS TO TEST CONVERSION ROUTINES EPC
10/05/88	CALC-8810-01	01 ORIFICE FLOW METER SIZING FXD/JAM
10/05/88	CALC-8810-02	10 ANNULUS FLOW VELOCITY COMPUTATION FXD/RSE
10/05/88	CALC-8810-03	10 ANNULUS FLOW VELOCITY COMPUTATION FXD
10/17/88	CALC-8810-05	01 ORIFICE FLOW METER SIZING FXD JAM
10/10/88	CALC-8810-06	06 HEATER TRANSIENTS PNW
10/18/88	CALC-8810-07	01 OUTER HEATER FLUTING DETAILS EPC
10/19/88	CALC-8810-08	01 OUTER HEATER, B.C. SETUP USING HSTAR EPC
10/25/88	CALC-8810-09	08 4-POLE BUTTERWORTH-BURR BROWN UAF41 FXD/BHS
10/25/88	CALC-8810-10	08 ANNULUS FLUID TEMPERATURE PROBE-STEM CONDUCTION FXD/SSK
11/08/88	CALC-8811-01	01 TEST SECTION INSULATION MHH
11/15/88	CALC-8811-02	10 CALCULATING WALL HEAT FLUX-DERIVED QUANTITY FXD
11/18/88	CALC-8811-03	10 PROGRAMMING THE WALL HEAT FLUX EPC/BHS
11/21/88	CALC-8811-04	01 POST-CALCULATION CHECK ON 261 ELEMENT VERSION EPC
11/30/88	CALC-8811-05	08 AMENDMENT TO 4-POLE BUTTERWORTH DESIGN CAL. (CAL 8810-10) BHS/FXD

February 19, 1991 at 4:04 p.m.

Page 2

DATE	ID	TA TITLE
12/02/88	CALC-8812-01	01 THERMAL MODEL OF INNER SEAL EPC
12/06/88	CALC-8812-02	01 OUTER SEAL THERMAL MODEL EPC
12/08/88	CALC-8812-03	01 OUTER HEATER TRANSIENT ANALYSIS EPC
12/12/88	CALC-8812-04	01 INNER HEATER TRANSIENT ANALYSIS EPC
12/14/88	CALC-8812-05	01 SOAK TEMPERATURE OF INNER SEAL UNDER ACCIDENT CONDITIONS EPC
12/27/88	CALC-8812-06	01 POWER TILT TEST. EST. OF TEST SECTION BENDING MHH
01/04/89	CALC-8901-01	01 FLEX HOSE, TEST SECTION INLET MHH
01/05/89	CALC-8901-02	01 SCALING OF TEMPERATURE AND INTERNAL HEAT GENERATION EPC
01/16/90	CALC-8901-03	06 TEST SECTION BENDING MHH
02/17/89	CALC-8902-01	01 SCOPING CALCS FOR PLUTO SEMISOIDAL SURFACE HEAT FLUX CALC. EPC
02/27/89	CALC-8902-02	06 SOLDER LEAK STEAM GEN. MHH
03/03/89	CALC-8903-01	01 OUTER HEATER TRANSIENT ANALYSIS EPC
03/06/89	CALC-8903-02	10 POWER CUT-OFF EPC
03/08/89	CALC-8903-03	01 POWER TILT FEA - MODEL SET-UP EPC
03/27/89	CALC-8903-04	01 PLUTO FEA WEB EPC
04/03/89	CALC-8904-01	01 FIRST CUT "FIX" OF POWER TILT SPIKES, USING FXD EPC
04/04/89	CALC-8904-02	01 FIX OF P.T. PIKES (TRIAL I) EPC
04/12/89	CALC-8904-03	01 PIPE DIAMETER MEASUREMENTS FOR ORIFICE METER FXD
04/18/89	CALC-8904-04	01 CHECK OF MY INNER HEATER SEAL SS CALCULATIONS EPC
04/18/89	CALC-8904-05	01 PLUTO-B.C. CONDITION FO RHEATER SOAK USING ANNULUS JJB
05/09/89	CALC-8905-01	01 SRL POWER TILT DISTRIBUTION EPC
05/10/90	CALC-8905-02	01 SRL POWER TILT DISTRIBUTION (TRIAL 2) EPC
05/10/89	CALC-8905-03	01 SRL POWER TILT DISTRIBUTION - TRIAL 3 EPC
05/11/89	CALC-8905-04	01 2ND CUT ON SRL PROFILE (TRIAL 3) EPC
05/19/89	CALC-8905-05	01 INNER HEATER POWER TILT EPC
05/22/89	CALC-8905-06	01 HEATER CONNECTIONS FOR TILT EPC
05/23/89	CALC-8905-07	06 PLUTO THERMAL T CALCS
05/25/89	CALC-8905-08	01 COSMOS NON-LINEAR OR CAPABILITIES
05/25/89	CALC-8905-09	01 ESTIMATE # OF CYCLES FOR FATIGUE ANALYSIS EPC
05/26/89	CALC-8905-10	01 REV OF OUTER HEATER P.TILT USING HEATER CONSTRAINTS (TRIAL 4) EPC
05/30/89	CALC-8905-11	01 OUTER HEATER TRIAL 5 RESULTS EPC
06/19/89	CALC-8906-01	01 COSMOS NON-LINEAR ANALYSIS EPC
06/22/89	CALC-8906-02	01 EXTRA WEB RESULTS TRIAL 2 EPC
06/23/89	CALC-8906-03	01 TRIAL 3 RESULTS EPC
06/28/89	CALC-8906-04	01 HEATER POWER FACTOR EPC
07/17/89	CALC-8907-01	01 EXTRA WEB "BASELINE" RESULTS

February 19, 1991 at 4:04 p.m.

Page 3

DATE	ID	TA TITLE
07/17/89	CALC-8907-02	01 POWER FACTER SUMMARY TABLES
07/18/89	CALC-8907-03	01 AXISYMMETRIC THERMAL STRESS FEA, ELASTIC CASE (EVEN2.OUT) EPC
07/25/89	CALC-8907-04	01 AXISYMMETRIC THERMAL STRESS FEA, GRID REFRINEMENT EVEN2A.OUT EPC
07/25/89	CALC-8907-05	01 COMPARISON OF VON MISES ELASTO-PLASTIC WITH ELASTIC EPC
07/27/89	CALC-8907-06	01 AXIAL CONDUCTION HEAT LEAK EPC
08/08/89	CALC-8908-01	01 AXIAL CONDUCTION EPC
08/14/89	CALC-8908-02	01 VALUE OF HEAT LEAK EPC
08/15/89	CALC-8908-03	01 STRUCTURAL ANALYSIS USING EXTRA WEB MODEL EPC
08/21/89	CALC-8908-04	01 ANALYSIS OF STRUCTURAL/WEB RESULTS EPC
01/16/90	CALC-9001-01	04 FLOW MEASUREMENT UNCERTAINTY FXD
01/17/90	CALC-9001-02	04 ANNULUS FLOW VELOCITY UNCERTAINTY, ... FXD
01/16/90	CALC-9001-03	04 ANNULUS FLOW AREA & UNCERTAINTY FXD
01/22/90	CALC-9001-04	04 WALL HEAT FLUX UNCERTAINTY FXD
04/26/90	CALC-9004-01	03 RIBBED ANNULUS FLOW GEOMETRY FXD
04/27/90	CALC-9004-02	04 RIBBED ANNULUS FLOW GEOMETRY FXD
08/31/90	CALC-9008-01	06 DATA UNCERTAINTY CALCULATION FXD
08/24/88	CB-CTSC-W3446/9779	08 OHIO SEMITRONICS, INC. HEATER CURRENT TRANS. & SIGNAL COND. SSS
08/24/88	CB-CTSC-W3447/9780	08 OHIO SEMITRONICS, INC. HEATER CURRENT TRANS. & SIGNAL COND. SSS
08/24/88	CB-CTSC-W3448/9781	08 OHIO SEMITRONICS, INC. HEATER CURRENT TRANS. & SIGNAL COND. SSS
08/24/88	CB-CTSC-W3449/9782	08 OHIO SEMITRONICS, INC. HEATER CURRENT TRANS. & SIGNAL COND. SSS
08/24/88	CB-CTSC-W3450/9783	08 OHIO SEMITRONICS, INC. HEATER CURRENT TRANS. & SIGNAL COND. SSS
08/24/88	CB-CTSC-W3451/9784	08 OHIO SEMITRONICS, INC. HEATER CURRENT TRANS. & SIGNAL COND. SSS
08/24/88	CB-CTSC-W3452/9785	08 OHIO SEMITRONICS, INC. HEATER CURRENT TRANS. & SIGNAL COND. SSS
08/24/88	CB-CTSC-W3453/9786	08 OHIO SEMITRONICS, INC. HEATER CURRENT TRANS. & SIGNAL COND. SSS
09/30/88	CB-CTSC-W4202/10146	08 OHIO SEMITRONICS, INC. VARIOUS SSS
11/28/89	CB-DMI	08 LIST OF 30 ITEMS
10/05/88	CB-DMI-6109852	08 MITUTOYO MICROMETER (DIGITAL) SSS
07/06/87	CB-DMI-738/236543-86	08 HUNT METROLOGY SERVICE - REPORT OF CALIBRATION VARIOUS SSS
01/07/88	CB-DMI-DM1	08 MITUTOYO DEPTH MICROMETER SSS
01/07/88	CB-DMI-M1	08 MITUTOYO MICROMETER SSS
01/07/88	CB-DMI-M2	08 MITUTOYO MICROMETER SSS
01/07/88	CB-DMI-M3	08 MITUTOYO MICROMETER SSS
01/07/88	CB-DMI-M4	08 MITUTOYO MICROMETER SSS
01/07/88	CB-DMI-M5	08 MITUTOYO MICROMETER SSS
01/07/88	CB-DMI-M6	08 MITUTOYO MICROMETER SSS
06/25/89	CB-DMI-MAM-540	08 STARRETT 220, CERT. #: 9174-009

February 19, 1991 at 4:04 p.m.

Page 4

DATE	ID	TA TITLE
06/11/90	CB-DMI-MAM-540	08 STARRETT 220
11/24/89	CB-DMI-MCG-810	08 MITUTOYO 209-113
11/24/89	CB-DMI-MCG-811	08 MITUTOYO 209-111
06/13/90	CB-DMI-MDC-541	08 MITUTOYO 505-628
06/24/89	CB-DMI-MDC-541	08 MITUTOYO 505-628, CERT. #: 9174-010
06/25/89	CB-DMI-MDC-542	08 BROWN & SHARPE 579-1, CERT. #: 9174-011
06/25/89	CB-DMI-MDC-543	08 BROWN & SHARPE 599-579-5, CERT. #: 9174-012
08/23/89	CB-DMI-MDC-544	08 MITUTOYO 505-637, CERT. #: 9174-013
06/13/90	CB-DMI-MDC-545	08 MITUTOYO 505-637
06/25/89	CB-DMI-MDC-545	08 MITUTOYO 505-637, CERT. #: 9174-014
08/01/89	CB-DMI-MDC-664	08 BROWN & SHARPE 599-579-5, CERT. #: 9207-030
08/07/89	CB-DMI-MDC-665	08 MITUTOYO 505-637, CERT. #: 9207-031
08/01/89	CB-DMI-MDC-666	08 MITUTOYO 505-637, CERT. #: 9207-032
11/24/89	CB-DMI-MDC-800	08 PHASE II 920-212
11/24/89	CB-DMI-MDC-801	08 MITUTOYO 505-644-50
11/25/89	CB-DMI-MDC-802	08 MITUTOYO 505-637-50
11/24/89	CB-DMI-MDC-803	08 MITUTOYO 500-219-50
06/25/89	CB-DMI-MDG-547	08 VERNIER DEPTH GAGE, CERT. #: 9174-016
06/14/90	CB-DMI-MDI-1240	08 AMES 282
06/14/90	CB-DMI-MDI-1241	08 HARDINGE 1-B15-075-5
06/18/90	CB-DMI-MDI-1255	08 STARRETT 80-144J
06/18/90	CB-DMI-MDI-1257	08 HARDINGE J2-C100-1000
06/24/89	CB-DMI-MDI-553	08 BROWN & SHARPE 7033-5, CERT. #: 9174-022
06/24/89	CB-DMI-MDI-554	08 BROWN & SHARPE 7033-5, CERT. #: 9174-023
06/09/90	CB-DMI-MDI-554	08 BROWN & SHARPE 7033-5
06/14/90	CB-DMI-MDI-555	08 BROWN & SHARPE 7032-3
06/24/89	CB-DMI-MDI-555	08 BROWN & SHARPE 7032-3, CERT. #: 9174-024
06/24/89	CB-DMI-MDI-556	08 FEDERAL C81S, CERT. #: 9174-025
06/24/89	CB-DMI-MDI-557	08 HARDINGE J2-C100-1000, CERT. #: 9174-026
06/18/90	CB-DMI-MDI-557	08 HARDINGE J2-C100-1000
06/24/89	CB-DMI-MDI-558	08 MITUTOYO 2923-10, CERT. #: 9174-027
06/24/89	CB-DMI-MDI-559	08 ALINA M.32, CERT. #: 9174-028
06/24/89	CB-DMI-MDI-560	08 FEDERAL LT-11, CERT. #: 9174-029
06/09/90	CB-DMI-MDI-560	08 FEDERAL LT-11
06/24/89	CB-DMI-MDI-561	08 TECLOCK DIAL INDICATOR, CERT. #: 9174-030
06/13/90	CB-DMI-MDI-561	08 TECLOCK DIAL BORE GAGE

February 19, 1991 at 4:04 p.m.

Page 5

DATE	ID	TA TITLE
08/07/89	CB-DMI-MDI-641	08 STARRETT 711, CERT. #: 9207-007
08/01/89	CB-DMI-MDI-642	08 STARRETT 645, CERT. #: 9207-008
08/01/89	CB-DMI-MDI-643	08 FEDERAL T-1-NM, CERT. #: 9207-009
08/01/89	CB-DMI-MDI-644	08 BROWN & SHARPE 7033-5, CERT. #: 9207-010
08/01/89	CB-DMI-MDI-645	08 BROWN & SHARPE 7037-3, CERT. #: 9207-011
08/03/89	CB-DMI-MDI-646	08 ENCO 682-05, CERT. #: 9207-012
08/03/89	CB-DMI-MDI-647	08 MITUTOYO 3416, CERT. #: 9207-013
08/01/89	CB-DMI-MDI-648	08 HARDINGE J2-C100-1000, CERT. #: 9207-014
06/18/90	CB-DMI-MDI-648	08 HARDINGE J2-C100-1000
08/07/89	CB-DMI-MDI-673	08 B&S 7032-5, CERT. #: 9214-050
08/25/89	CB-DMI-MDI-695	08 MITUTOYO 513-203, CERT. #: 9236-003
11/24/89	CB-DMI-MDI-791	08 MITUTOYO 4887
11/24/90	CB-DMI-MDI-792	08 MITUTOYO 4887
11/24/89	CB-DMI-MDI-793	08 STARRETT 25-3041, CERT. #: 9324-009
11/24/89	CB-DMI-MDI-794	08 STARRETT 25-441
11/24/89	CB-DMI-MDI-795	08 STARRETT 656-T1
11/24/89	CB-DMI-MDI-796	08 MITUTOYO 1411
11/24/90	CB-DMI-MDI-797	08 MITUTOYO 1507N
11/24/90	CB-DMI-MDI-893	08 STARRETT 25-3041
06/21/90	CB-DMI-MDM-1263	08 MITUTOYO 293-721
06/24/89	CB-DMI-MDM-535	08 MITUTOYO 293-706, CERT. #: 9174-004
06/25/89	CB-DMI-MDM-536	08 MITUTOYO 293-703, CERT. #: 9174-005
06/12/90	CB-DMI-MDM-536	08 MITUTOYO 293-703
06/24/89	CB-DMI-MDM-537	08 MITUTOYO 293-705, CERT. #: 9174-006
06/21/90	CB-DMI-MDM-537	08 MITUTOYO 293-705
06/24/89	CB-DMI-MDM-537B	08 MITUTOYO 293-705, CERT. #: 9174-006
06/25/89	CB-DMI-MDM-546	08 MITUTOYO 192-150, CERT. #: 9174-015
06/12/90	CB-DMI-MDM-546	08 MITUTOYO 192-150
06/25/89	CB-DMI-MDM-563	08 STARRETT 440, CERT. #: 9174-032
08/07/89	CB-DMI-MDM-656	08 MITUTOYO 239-711, CERT. #: 9207-022
08/01/89	CB-DMI-MDM-657	08 STARRETT 445, CERT. #: 9207-023
08/01/89	CB-DMI-MDM-660	08 MITUTOYO 293-705, CERT. #: 9207-026
06/12/90	CB-DMI-MDM-660	08 MITUTOYO 293-705
11/24/89	CB-DMI-MDM-804	08 STARRETT 440
11/24/89	CB-DMI-MDM-805	08 STARRETT 445
11/24/89	CB-DMI-MDM-806	08 MITUTOYO 129-150

February 19, 1991 at 4:04 p.m.

Page 6

DATE	ID	TA TITLE
11/24/89	CB-DMI-MDR-807	08 5" & 6" DEPTH MIC RODS
11/25/89	CB-DMI-MEF-814	08 MOORE EDGE FINDER
02/08/89	CB-DMI-MGB-203	07 MITUTOYO # 516-901, CERT. #: 9023001
01/25/89	CB-DMI-MGB-203A	07 MITUTOYO #516-901, NO CERT. #
08/01/89	CB-DMI-MGB-667	08 MITUTOYO 516-902, CERT. #: 9207-033
11/25/90	CB-DMI-MGB-808	08 FOWLER 81 PC GAGE BLK SET
08/01/89	CB-DMI-MHG-668	08 HELIOS 20" HEIGHT GAGE, CERT. #: 9207-034
06/21/90	CB-DMI-MIM-1260	08 BROWN & SHARPE INSIDE MIC.
06/25/89	CB-DMI-MIM-571	08 STARRETT INSIDE MICROMETER, CERT. #: 9174-040
06/24/89	CB-DMI-MMC-532	08 BROWN & SHARPE 3 MIC. SET, CERT. #: 9174-001
06/24/89	CB-DMI-MMC-533	08 MITUTOYO 3 MICROMETER SET, CERT. #: 9174-002
06/12/90	CB-DMI-MMC-533	08 MITUTOYO MICROMETER SET
06/24/89	CB-DMI-MMC-534	08 MITUTOYO 6 MICROMETER SET, CERT. #: 9174-003
06/12/90	CB-DMI-MMC-534	08 MITUTOYO MICROMETER SET
07/31/89	CB-DMI-MMC-649	08 MITUTOYO 103-135, CERT. #: 9207-015
06/21/90	CB-DMI-MMC-649	08 MITUTOYO 103-135
07/31/89	CB-DMI-MMC-650	08 MITUTOYO 103-136, CERT. #: 9207-016
07/31/89	CB-DMI-MMC-651	08 MITUTOYO 103-217, CERT. #: 9207-017
07/31/89	CB-DMI-MMC-652	08 MITUTOYO 103-219, CERT. #: 9207-018
06/21/90	CB-DMI-MMC-652	08 MITUTOYO 103-219
08/01/89	CB-DMI-MMC-653	08 MITUTOYO 103-135, CERT. #: 9207-019
08/01/89	CB-DMI-MMC-654	08 MITUTOYO 103-136, CERT. #: 9207-020
08/01/89	CB-DMI-MMC-655	08 MITUTOYO 103-217, CERT. #: 9207-021
07/31/89	CB-DMI-MMC-658	08 MITUTOYO 103-220A, CERT. #: 9207-024
06/21/90	CB-DMI-MMC-658	08 MITUTOYO 103-220A
07/31/89	CB-DMI-MMC-659	08 MITUTOYO 103-218, CERT. #: 9207-025
06/21/90	CB-DMI-MMC-659	08 MITUTOYO 103-218
08/07/89	CB-DMI-MMC-661	08 STARRETT 436-1, CERT. #: 9207-027
07/31/89	CB-DMI-MMC-662	08 MITUTOYO 103-136, CERT. #: 9207-028
06/21/90	CB-DMI-MMC-662	08 MITUTOYO 103-136
08/01/89	CB-DMI-MMC-663	08 MITUTOYO 103-217, CERT. #: 9207-029
06/21/90	CB-DMI-MMC-663	08 MITUTOYO 103-217
08/25/89	CB-DMI-MMC-694	08 MITUTOYO 103-135, CERT. #: 9236-002
11/24/89	CB-DMI-MMC-785	08 MITUTOYO 103-908
11/27/89	CB-DMI-MMC-786	08 STARRETT 230
11/27/89	CB-DMI-MMC-787	08 STARRETT 2X

February 19, 1991 at 4:04 p.m.

Page 7

DATE	ID	TA TITLE
11/24/89	CB-DMI-MMC-788	08 STARRETT 436X
11/24/89	CB-DMI-MMC-789	08 STARRETT 436X
11/24/89	CB-DMI-MMC-790	08 MITUTOYO 101-135
06/25/89	CB-DMI-MMP-572	08 FEDERAL 1" MASTER PLUG, CERT. #: 9174-041
06/11/90	CB-DMI-MMP-572	08 FEDERAL 1.0000 XXX
11/01/89	CB-DMI-MMR-557	08 FEDERAL .6000XXX, CERT. #: 9308-004
11/01/89	CB-DMI-MMR-574	08 FEDERAL .2000XXX, CERT. #: 9308-006
11/01/89	CB-DMI-MMR-575	08 FEDERAL .4000XXX, CERT. #: 9308-005
08/04/89	CB-DMI-MMR-576	08 FEDERAL .5000XXX, CERT. #: 9174-044
11/01/89	CB-DMI-MMR-577	08 FEDERAL .6000 XXX, CERT. #: 9308-004
11/01/89	CB-DMI-MMR-578	08 FEDERAL 1.000 XXX, CERT. #: 9308-003
11/01/89	CB-DMI-MMR-579	08 FEDERAL 2.250 XX, CERT. #: 9308-002
11/01/89	CB-DMI-MMR-580	08 FEDERAL 2.500 XX, CERT. #: 9308-001
11/25/89	CB-DMI-MPA-812	08 RELGUS CH-8134
06/13/90	CB-DMI-MPG-1242	08 DELTRONIC TP25-.3750
06/13/90	CB-DMI-MPG-1243	08 DELTRONIC TP25-.2500
06/13/90	CB-DMI-MPG-1244	08 DELTRONIC TP25-.3125
06/13/90	CB-DMI-MPG-1245	08 DELTRONIC TP25-.0995
06/24/89	CB-DMI-MPG-548	08 FOWLER 53-88-510, CERT. #: 9174-017
06/11/90	CB-DMI-MPG-548	08 FOWLER 53-888-510
06/11/90	CB-DMI-MPG-548	08 FOWLER 53-888-510
06/24/89	CB-DMI-MPG-549	08 FOWLER 53-888-260, CERT. #: 9174-018
06/13/90	CB-DMI-MPG-550	08 VERMONT GAGE .011-.060
06/24/89	CB-DMI-MPG-550	08 VT. GAGE .011-.060, CERT. #: 9174-019
06/26/89	CB-DMI-MPG-564	08 DELTRONIC TP25-.0595, CERT. #: 9174-033
06/26/89	CB-DMI-MPG-565	08 DELTRONIC TP25-.0938, CERT. #: 9174-034
06/13/90	CB-DMI-MPG-565	08 DELTRONIC TP25-.0938
06/13/90	CB-DMI-MPG-566	08 DELTRONIC TP25-.1250
06/26/89	CB-DMI-MPG-566	08 DELTRONIC TP25.1250, CERT. #: 9174-035
06/13/90	CB-DMI-MPG-567	08 DELTRONIC TP25-.1406
06/26/89	CB-DMI-MPG-567	08 DELTRONIC TP25-.1406, CERT. #: 9174-036
06/13/90	CB-DMI-MPG-568	08 DELTRONIC TP25-.1562
06/26/89	CB-DMI-MPG-568	08 DELTRONIC TP25-.1562, CERT. #: 9174-037
06/13/90	CB-DMI-MPG-569	08 DELTRONIC TP25-.5000
06/26/89	CB-DMI-MPG-569	08 DELTRONIC TP25-.5000, CERT. #: 9174-038
06/13/90	CB-DMI-MPG-570	08 DELTRONIC TP25-1.0000

DATE	ID	TA TITLE
06/26/89	CB-DMI-MPG-570	08 DELTRONIC TP25-1.0000, CERT. #: 9174-039
06/25/89	CB-DMI-MPL-551	08 PRECISION LEVEL, CERT. #: 9174-020
06/14/90	CB-DMI-MPL-551	08 STARRETT 199
11/25/89	CB-DMI-MSB-809	08 ERON 1-2-3 SET UP BLOCKS
07/03/90	CB-DMI-MSP-2046	08 SURFACE PLATE 24 x 36 GRADE A
07/03/90	CB-DMI-MSP-2047	08 SURFACE PLATE 12 x 18 GRADE B
07/03/90	CB-DMI-MSP-2048	08 SURFACE PLATE 18 x 18 GRADE B
06/25/89	CB-DMI-MSQ-562	01 MITUTOYO ELEC. AMPLIFIER WITH LEVER HEAD PROBE, CERT. #: 9174-031
06/18/90	CB-DMI-MTI-1256	08 BROWN & SHARPE 7032-5
06/21/90	CB-DMI-MTI-1261	08 STARRETT 711
11/24/89	CB-DMI-MTI-798	08 TESA 18.20006
11/24/89	CB-DMI-MTI-799	08 BROWN/SHARPE 7029-1
08/01/89	CB-DMI-MTM-669	08 MITUTOYO 176-192, CERT. #: 9207-035
11/25/89	CB-DMI-MVB-813	08 90 V-BLOCK
06/25/89	CB-DMI-MVC-538	08 HELIOS 24" VERNIER CALIPERS, CERT. #: 9174-007
06/13/90	CB-DMI-MVC-538	08 HELIOS 24" VERNIER CALIPER
06/25/89	CB-DMI-MVC-539	08 MITUTOYO 24: VERNIER CALIPRS, CERT. #: 9174-008
07/10/89	CB-EMI-07-10-89	08 U. OF LOWELL DATA PREC. & HEW. PAC.; CUST. CONTROL #: 0048 & 0187
10/20/89	CB-EMI-10-20-89	08 U. OF LOWELL, CERTIFICATE OF CONFORMANCE & REPORT OF TEST
10/19/89	CB-EMI-100	08 U. OF LOWELL EPPLEY; CUST. CONTROL #: NONE
10/19/89	CB-EMI-1192-B	08 U. OF LOWELL GEN-RAD; CUST. CONTROL #: 0044
10/19/89	CB-EMI-1466	08 U. OF LOWELL B&K; CUST. CONTROL #: NONE
10/19/89	CB-EMI-1740A	08 U. OF LOWELL HEWLETT PACKARD; CUST. CONTROL #: 0041
02/24/88	CB-EMI-2159	08 U. OF LOWELL DATA PRECISION VARIOUS; CUST. CONTROL #: VARIOUS
10/19/89	CB-EMI-2225	08 U. OF LOWELL TEKTRONIX; CUST. CONTROL #: 0245
10/19/89	CB-EMI-3400	08 U. OF LOWELL DATA PRECISION; CUST. CONTROL #: 0020
12/12/89	CB-EMI-3478A	08 HEWLETT PARCKARD "CERTIFICATE OF CONFORMANCE"
10/19/89	CB-EMI-3478A	08 U. OF LOWELL HEWLETT PACKARD; CUST. CONTROL #: 0188
10/19/89	CB-EMI-3478A	08 U. OF LOWELL HEWLETT PACKARD; CUST. CONTROL #: 0187
10/19/89	CB-EMI-3478A	08 U. OF LOWELL HEWLETT PACKARD; CUST. CONTROL #: 0246
10/19/89	CB-EMI-3500	08 U. OF LOWELL DATA PRECISION; CUST. CONTROL #: 0051
10/19/89	CB-EMI-3500	08 U. OF LOWELL DATA PRECISION; CUST. CONTROL #: 0099
10/19/89	CB-EMI-4410	08 U. OF LOWELL BECKMAN; CUST. CONTROL #: NONE
10/19/89	CB-EMI-466	08 U. OF LOWELL TEKTRONIX; CUST. CONTROL #: 0049
10/19/89	CB-EMI-5450A	08 U. OF LOWELL HEWLETT PACKARD; CUST. CONTROL #: NONE
10/19/89	CB-EMI-5740	08 U. OF LOWELL DATA PRECISION; CUST. CONTROL #: 0045

February 19, 1991 at 4:04 p.m.

Page 9

DATE	ID	TA TITLE
10/19/89	CB-EMI-5800	08 U. OF LOWELL DATA PRECISION; CUST. CONTROL #: 0048
10-19-89	CB-EMI-7313	08 U. OF LOWELL TEKTRONIX; CUST. CONTROL #: 0030
10/19/89	CB-EMI-7603	08 U. OF LOWELL TEKTRONIX; CUST. CONTROL #: 0168
10/19/89	CB-EMI-7A18	08 U. OF LOWELL TEKTRONIX; CUST. CONTROL #: NONE
10/19/89	CB-EMI-7A18N	08 U. OF LOWELL TEKTRONIX; CUST. CONTROL #: 0035
10/19/89	CB-EMI-7B53A	08 U. OF LOWELL TEKTRONIX; CUST. CONTROL #: NONE
10/19/89	CB-EMI-7B53AN	08 U. OF LOWELL TEKTRONIX; CUST. CONTROL #: NONE
10/19/89	CB-EMI-875A	08 U. OF LOWELL B&K PRECISION; CUST. CONTROL #: 0378
10/19/89	CB-EMI-A7A15A/7A15AN	08 U. OF LOWELL TEKTRONIX; CUST. CONTROL #: NONE
07/26/89	CB-EMI-CAL.PROC.	06 VER DC POWER SUPPLY INTERNAL POTENTIAL&CURRENT MEASURING DEVICES
10/19/89	CB-EMI-DM256	08 U. OF LOWELL BECKMAN; CUST. CONTROL #: NONE
10/19/89	CB-EMI-M6001	08 U. OF LOWELL BBC; CUST. CONTROL #: 0266
10/19/89	CB-EMI-M6001	08 U. OF LOWELL BBC; CUST. CONTROL #: 0224
10/19/89	CB-EMI-M6002	08 U. OF LOWELL BBC; CUST. CONTROL #: 267
10/19/89	CB-EMI-V212	08 U. OF LOWELL HITACHI; CUST. CONTROL #: NONE
10/19/89	CB-EMI-V509	08 U. OF LOWELL HITACHI; CUST. CONTROL #: NONE
10/19/89	CB-EMIAB7A15A/7A15AN	08 U. OF LOWELL TEKTRONIX; CUST. CONTROL #: NONE
09/09/88	CB-IPR-809194	08 KAYE INSTRUMENTS K140-4 SSS
10/05/88	CB-PRG-CM34402	08 DRESSER IND. HEISE GAUGE SSS
01/10/89	CB-PRTR-4043432	09 ROSEMOUNT CALIBRATION DATA SHEETS AND INFORMATION
01/19/90	CB-PRTR-BFM000002	04 TRANSDUCER CALIBRATION DATA SHEET
10/19/89	CB-PSVT-#10d	09 SUMMARY OF CALIBRATION OF POWER SUPPLY TRANSDUCERS @ STERN LABS
12/08/88	CB-RTC-10685	09 CGS THERMODYNAMICS CALIBRATION CERTIFICATION
12/16/88	CB-RTC-1090	08 PLATINUM RESISTANCE THERMOMETER SSS
12/16/88	CB-RTC-1091	08 PLATINUM RESISTANCE THERMOMETER SSS
12/16/88	CB-RTC-1092	08 PLATINUM RESISTANCE THERMOMETER SSS
12/16/88	CB-RTC-1093	08 PLATINUM RESISTANCE THERMOMETER SSS
12/16/88	CB-RTC-1094	08 PLATINUM RESISTANCE THERMOMETER SSS
03/28/89	CB-TC-#SYSTEM	09 WALL TEMPERATURE PROBES NUMBERING SYSTEM SSS
10/27/88	CB-TC-10/27/88	09 U. OF LOWELL; PORTABLE OSCILLOSCOPES; CUST. CONTROL #0041
12/01/88	CB-TC-12/1/88	06 CERT OF TRACEABILITY-RESISTANCE THERMOMETER BRIDGE MODEL XRTB8078
02/13/89	CB-TC-2190A	06 DESCRIPTION OF CALIBRATION FOR THERMOCOUPLES EWS
05/10/89	CB-TC-5/10/89	06 CAL. CERTS AND DATA FOR THERMOCOUPLES EWS
12/29/88	CB-TC-D-7022-56	01 CERTIFICATION OF COMPLIANCE PART NO.: D-7022-56 (WALL)
00/00/00	CB-TC-SN-702201-08	01 INSPECTION AND CALIBRATION TAGS (8)
07/01/85	CTS-8507-01	06 52.245-2 GOVERNMENT PROPERTY

DATE	ID	TA TITLE
08/24/87	CTS-8708-01	06 52.243-1 CHANGES-FIXED PRICE
09/08/87	CTS-8709-01	06 PROJECT/CONTRACT INFORMATION
11/11/87	CTS-8711-01	06 DLK SIGNED COPY OF LETTER SUBCONTRACT GARRETT
11/11/87	CTS-8711-02	06 GARRETT SIGNED COPIES OF SUBJECT AGREEMENT DLK
11/23/87	CTS-8711-03	06 JAB RECEIVED RFQ/INCREASE IN FUNDING GARRETT
01/13/88	CTS-8801-01	06 CONSULTANT AGREEMENT - JESSEMAN ASSOCIATES, P.C.
01/19/88	CTS-8801-02	06 GENERAL CONDITIONS (COST REIMBURSEMENT)
02/22/88	CTS-8802-01	06 52.233-1 DISPUTES
05/30/88	CTS-8805-01	06 DLK CUSTOM HIGH WATT DENSITY HEATER ASSEMBLIES STERN
06/09/88	CTS-8806-01	06 DLK CUSTOM HIGH WATT DENSITY, SMALL TEST SECTION ASSEMBLY STERN
07/07/88	CTS-8807-01	06 STERN TERMS AND CONDITIONS MHH
07/13/88	CTS-8807-02	06 AMENDMENT I
07/26/88	CTS-8807-03	06 ARTICLE XVIII - QUALITY ASSURANCE PROGRAM
08/30/88	CTS-8808-01	06 SPECIFICATION FOR PROCUREMENT OF SUBCONTRACT AX-721102
09/21/88	CTS-8809-01	06 APP-CHANGES TO HEATER FABRICATION CONTRACT W/STERN LABS
09/23/88	CTS-8809-02	06 AMENDMENT II
10/10/87	CTS-8810-01	06 PROJECT/CONTRACT INFORMATION (REVISED)
12/28/88	CTS-8812-01	02 HADALLER AMENDMENT III DLK
02/13/89	CTS-8902-01	06 AMENDMENT II
05/12/89	CTS-8905-01	06 UNAPPROVED COPY OF SPECIFICATION FOR PROCUREMENT NEDE-88-143, R5
06/14/89	CTS-8906-01	06 AMENDMENT III
06/13/89	CTS-8906-02	06 AMENDMENT IV
12/28/88	CTS-8906-03	06 GENERAL PROVISIONS FOR COST REIMBURSEMENT CONTRACTS
12/14/89	CTS-8912-01	06 HADALLER AMENDMENTS V AND VI DLK
03/01/90	CTS-9003-01	06 HADALLER AMENDMENTS VI AND VII DLK
06/20/88	DRWG-01	06 KOCH STATIC MIXING UNIT KOCH ENGINEERING COMPANY, INC.
08/16/88	DRWG-OD001	06 CREARE - FUEL SIM TERM INSULATOR DETAIL - TOP INNER STERN LABS
08/30/88	DRWG-OD002	06 CREARE - FUEL SIMULATOR OUTER WALL EXTRUSION STERN LABS INC.
10/18/88	DRWG-OD004	06 CREARE - FUEL SIMULATOR OUTER WALL WELDED ASS'Y STERN LABS INC.
11/18/88	DRWG-OD007	06 CREARE FUEL SIMULATOR HEATER FINAL MACHINING STERN LABS INC.
09/09/88	DRWG-119E806	06 CREARE - FUEL SIMULATOR TEST SET-UP ASS'Y STERN LABS INC.
12/07/88	DRWG-1A11170	06 CREARE - HEATER SPACER STERN LABS INC.
12/07/88	DRWG-1A11177	06 CREARE FUEL SIMULATOR BOTTOM TERMINAL ASS'Y STERN LABS INC.
12/07/88	DRWG-1A11178	06 CREARE FUEL SIM BOTTOM TERMINAL INSULATING SPACER STERN LABS
12/07/88	DRWG-1A11179	06 CREARE FUEL SIMULATOR INNER WALL EXTENSION DETAIL STERN LABS
12/07/88	DRWG-1A11182	06 CREARE FUEL SIM OUTER WALL SEAL PLATE-WELDED ASS'Y STERN LABS

DATE	ID	TA TITLE
12/13/88	DRWG-1A11183	06 CREARE FUEL SIM TANK PENETRATION - 3.5" STL. PIPE DETAIL STERN
12/07/88	DRWG-1A11184	06 CREARE FUEL SIM TANK PENETRATION FLANGE-WELDED ASS'Y STERN LABS
12/07/88	DRWG-1A11186	06 CREARE FUEL SIM OUTER WALL SEAL PLATE-OUTER RING DETAIL STERN
12/01/88	DRWG-1A11188	06 CREARE FUEL SIM TOP FLANGE SUPPORT RING STERN LABS INC.
12/08/88	DRWG-3743B41	06 CREARE - FUEL SIMULATOR HEATER TERMINAL DETAIL STERN LABS INC.
00/00/00	DRWG-3743B42	06 CREARE - FUEL SIMULATION STERN LABS INC.
00/00/00	DRWG-3743B45	06 CREARE - FUEL SIMULATOR HEATER RETAINING RING - DETAIL STERN
03/06/89	DRWG-3743B52	06 CREARE - FUEL SIM TYP. PRESSURE TAP CROSS SEC STERN LABS INC.
07/12/89	DRWG-3743B53	06 CREARE FUEL SIMULATOR TEST SECTION-CROSS SECTION STERN LABS
00/00/00	DRWG-3743B57	06 CREARE - FUEL SIMULATOR INNER WALL DETAIL STERN LABS INC.
00/00/00	DRWG-3743B61	06 CREARE - INNER WALL WELDED ASS'Y STERN LABS INC.
00/00/00	DRWG-374B43	06 CREARE - FUEL SIMULATION INSULATING SPACER - TOP STERN LABS
10/17/88	DRWG-3883D68	06 CREARE-FUEL SIMULATOR INNER WALL ASS'Y STERN LABS INC.
10/18/88	DRWG-3883D69	06 CREARE-FUEL SIMULATOR OUTER WALL ASS'Y STERN LABS INC.
09/05/88	DRWG-4972	06 RESEVOIR VESSEL ACME INDUSTRIAL EQUIPMENT CO.
09/05/88	DRWG-4973	06 SEPARATOR VESSEL ACME INDUSTRIAL EQUIPMENT CO.
09/05/88	DRWG-4974	06 DEFLECTOR DETAIL ACME INDUSTRIAL EQUIPMENT CO.
12/01/88	DRWG-6275C63	06 CREARE-FUEL SIMULATION INNER WLL SEAL PLATE STERN LABS INC.
00/00/00	DRWG-6275C65	06 CREARE-FUEL SIM TERMINAL INSULATOR-COVER-OUTER DETAIL STERN
11/30/88	DRWG-6275C66	06 CREARE-FUEL SIMULATION OUTER WALL SEAL PLATE-DETAIL STERN LABS
12/01/88	DRWG-6275C67	06 CREARE-FUEL SIM OUTER WALL FUNNEL & FUNNEL COVER DETAILS STERN
00/00/00	DRWG-6275C68	06 CREARE-FUEL SIMULATOR TOP PLUG DETAIL STERN LABS INC.
00/00/00	DRWG-6275C69	06 CREARE-FUEL SIMULATOR TOP FLANGE & SEAL RING DETAILS STERN LABS
12/01/88	DRWG-6275C70	06 CREARE-FUEL SIMULATOR BOTTOM TERMINAL DETAIL STERN LABS INC.
00/00/00	DRWG-6275C71	06 CREARE-FUEL SIMULATOR BOTOM END-FLANGE PARTS DETAILS STERN LABS
11/30/88	DRWG-6275C72	06 CREARE-FUEL SIM BOTTOM TERMINAL INSULATING PARTS-DETAILS STERN
12/01/88	DRWG-6275C73	06 CREARE-FUEL SIM INNER WALL BOTTOM EXTENSION STERN LABS INC.
12/01/88	DRWG-6275C74	06 CREARE-FUEL SIMULATOR INNER PIPE & WALL DETAILS STERN LABS
12/01/88	DRWG-6275C77	06 CREARE-FUEL SIMULATOR INNER PIPE WELDED ASS'Y STERN LABS INC.
00/00/00	DRWG-6275C79	06 CREARE-INNER WALL WELDED ASS'Y (WITH FINS) STERN LABS INC.
11/11/88	DRWG-6275C83	06 CREARE FUEL SIMULATOR BOTTOM TANK PROTRUSION ASS'Y STERN LABS
12/01/88	DRWG-6275C84	06 CREARE FUEL SIM BOTTOM TANK ELEC PENETRATION DETAILS STERN
12/07/88	DRWG-6275C85	06 CREARE FUEL SIMULATOR BOTTOM TANK TERMINAL DETAIL STERN LABS
12/07/88	DRWG-6275C86	06 CREARE FUEL SIMULATOR TOP FLANGE WELDED ASS'Y STERN LABS, INC.
12/12/88	DRWG-6275C87	06 CREARE FUEL SIM OUTER WALL SEAL PLATE-ROUGH MACHINING.DET. STERN
12/14/88	DRWG-6275C88	06 CREARE FUEL SIM TANK PENETRATION FLANGE-MACHINING DET. STERN

DATE	ID	TA	TITLE
02/07/89	DRWG-7022-86	02	ALARM CIRCUIT
02/08/89	DRWG-7022-87	02	POWER SHUTOFF SIGNAL CIRCUIT
11/08/88	DRWG-7022-88	08	THERMOCOUPLE AMPLIFIER SCHEMATIC
09/03/88	DRWG-7022-89	08	UNITY GAIN ISOLATION AMPLIFIER SCHEMATIC
09/08/88	DRWG-7022-90	08	4-20MA TRANSDUCER SIGNAL CONDITIONING
04/07/89	DRWG-7022-94	09	REPLACEMENT CLAMP BAR - T/C PROBE CONNECTOR
05/16/89	DRWG-7022-96	09	THERMOCOUPLE AND POWER-TO-FLOW POWER SHUTOFF CIRCUIT
11/16/88	DRWG-8811-01	02	HADALLER LETTER OF TRANSMITTAL MHH
12/14/88	DRWG-8812-01	06	HADALLER LETTER OF TRANSMITTAL MHH
01/10/89	DRWG-8901-01	02	HADALLER LETTER OF TRANSMITTAL MHH
01/20/89	DRWG-8901-02	02	HADALLER LETTER OF TRANSMITTAL MHH
05/17/89	DRWG-8905-01	02	HADALLER LETTER OF TRANSMITTAL MHH
05/23/89	DRWG-8905-02	02	SAWALA LETTER OF TRANSMITTAL MHH
05/24/89	DRWG-8905-03	02	SAWALA LETTER OF TRANSMITTAL MHH
05/31/89	DRWG-8905-04	02	HADALLER LETTER OF TRANSMITTAL MHH
06/08/89	DRWG-8906-01	02	SAWALA LETTER OF TRANSMITTAL MHH
06/19/89	DRWG-8906-02	02	HADALLER LETTER OF TRANSMITTAL FXD
07/26/89	DRWG-8907-01	02	HADALLER LETTER OF TRANSMITTAL FXD
06/20/89	DRWG-A-7022-103	03	THERMOCOUPLE CONNECTION LIST SSS
06/20/89	DRWG-A-7022-104	03	HEATER CURRENT CONNECTION LIST SSS
06/20/89	DRWG-A-7022-105	03	ZONE POWER SIGNALS CONNECTIONS LIST
07/11/89	DRWG-A-7022-106	03	PRESSURE TRANSMITTER CONNECTION LIST SSS
07/28/88	DRWG-A-7022-37	01	PLUG DRAWING
10/27/88	DRWG-A-7022-72	03	TEST BLOCK
05/17/89	DRWG-A-7022-97	02	WASHER
08/23/88	DRWG-B-7022-50	01	HEAT EXCH. SUPPORTS TOP CLAMP TB/SSS
05/17/89	DRWG-B-7022-79	02	PIN, DEPTH GAGE
05/17/89	DRWG-B-7022-80	02	SLEEVE, DEPTH GAGE
01/09/89	DRWG-B-7022-83	02	BODY-DEPTH GAGE
05/25/89	DRWG-C-7022-01	06	INSTRUMENTATION CABLE INTERCONNECT
05/26/89	DRWG-C-7022-100	09	DAS SIGNAL CONDITIONING RACK - FRONT VIEW
06/02/88	DRWG-C-7022-30	03	FLUID EQUIPMENT SCHEMATIC TB
06/03/88	DRWG-C-7022-31	03	AIR SCHEMATIC TB
07/07/88	DRWG-C-7022-38	01	TUBE, FINNED EXTRUSION BAL/SSS
01/06/88	DRWG-C-7022-40	01	FLANGE BAL/SSS
07/11/88	DRWG-C-7022-41	03	FLANGE, INSTRUMENT BAL, SSS

DATE	ID	TA	TITLE
07/27/88	DRWG-C-7022-42	03	5 X 3 REDUCER - BW JMW SSS
07/29/88	DRWG-C-7022-47	03	HEAT EXCHANGER SUPPORTS JMW/SSS
08/23/88	DRWG-C-7022-48	01	PUMP BASE TB/SSS
08/23/88	DRWG-C-7022-51	01	TEST PLATFORM LIFTING HOOKS TB/SSS
09/14/88	DRWG-C-7022-55	01	ALTERATION TO 3" -300# SLIP ON TYPE ORIFICE FLANGE JMW/SSS
10/27/88	DRWG-C-7022-58	01	EXHAUST HEADER
10/12/88	DRWG-C-7022-66	09	ALUMINUM FACE PLATE 4 HOLE TB/SSS
10/12/88	DRWG-C-7022-67	09	ALUMINUM FACE PLATE 3 HOLE TB-SSS
10/25/88	DRWG-C-7022-71 10F7	03	PARTS LIST
10/27/88	DRWG-C-7022-71 20F7	03	PARTS LIST
10/27/88	DRWG-C-7022-71 30F7	03	PARTS LIST
10/27/88	DRWG-C-7022-71 40F7	03	PARTS LIST
10/27/88	DRWG-C-7022-71 50F7	03	PARTS LIST
10/27/88	DRWG-C-7022-71 60F7	03	PARTS LIST
10/27/88	DRWG-C-7022-71 70F7	03	PARTS LIST
11/11/88	DRWG-C-7022-74	03	MALE RIBBON CONNECTOR RATE
11/29/88	DRWG-C-7022-75	02	VERTICAL PIPE SUPPORT "A" (6" HEADER)
11/29/88	DRWG-C-7022-76	02	VERTICAL PIPE SUPPORT "B" (6" HEADER)
05/17/89	DRWG-C-7022-84	02	DEPTH GAGE ASSEMBLY
04/27/89	DRWG-C-7022-92 10F4	11	PART LIST FOR SURFACE BOILING TEST
04/27/89	DRWG-C-7022-92 20F4	11	PART LIST FOR SURFACE BOILING TEST
04/27/89	DRWG-C-7022-92 30F4	11	PART LIST FOR SURFACE BOILING TEST
04/27/89	DRWG-C-7022-92 40F4	11	PART LIST FOR SURFACE BOILING TEST
03/16/89	DRWG-C-7022-93	09	MALE RIBBON CONNECTOR (HORIZONTAL) PLATE
05/26/89	DRWG-C-7022-98	09	HEATER CURRENT SIGNAL CONDITIONER CABINET I/O CONNECTER LAYOUT
05/26/89	DRWG-C-7022-99	09	DAS SIGNAL CONDITIONING RACIC - REARE VIEW
05/30/88	DRWG-D-7022-102	02	PIN LOCATIONS FOR INNER HEATER TUBE
01/21/90	DRWG-D-7022-108	06	WALL TEMPERATURE PROBE DESIGN #3
03/20/90	DRWG-D-7022-109	08	WALL TEMPERATURE PROBE DESIGN #3 FINAL MACHINING & ASSEM.
11/25/88	DRWG-D-7022-2	03	SEPARATOR TANK JMW/SSS
11/25/88	DRWG-D-7022-3	03	RESERVOIR TANK JMW/SSS
07/08/88	DRWG-D-7022-39	01	TUBE (WELDING & FINAL MACHING ASSEM.)
07/20/88	DRWG-D-7022-43	01	TEST SECTION INLET ASSEMBLY, SMALL ANNULUS TB, SSS
07/27/88	DRWG-D-7022-44	03	WELDMENT, TEST SECTION INLET JMW/SSS
07/29/88	DRWG-D-7022-45	01	TEST SECTION - SMALL ANNULUS - FLUID ASSEMBLY SCH. TB/SSS
09/06/88	DRWG-D-7022-52	01	PANEL STAND WELDMENT JMW/SSS

DATE	ID	TA	TITLE
09/06/88	DRWG-D-7022-53	01	ORIFICE METER WELDMENT JMW/SSS
09/20/88	DRWG-D-7022-56	03	WALL TEMPERATURE PROBE JMW/SSS
09/20/88	DRWG-D-7022-57	03	FLUID TEMPERATURE PROBE JMW/SSS
10/27/88	DRWG-D-7022-59	02	RISERS
10/06/88	DRWG-D-7022-61	01	INST. PANEL MOUNTING PLATE TB
10/13/88	DRWG-D-7022-68	03	FLUID PROBE INSTALLATION JMW/SSS
10/13/88	DRWG-D-7022-69	09	MOUNTING PLATE FOR CURRENT TRANSDUCER SIGNAL CONDITIONERS TB/SSS
5/17/89	DRWG-D-7022-70	10F2	02 FILTER ASSEMBLY
05/17/89	DRWG-D-7022-70	10F2	02 FILTER ASSEMBLY
12/07/88	DRWG-D-7022-78	08	ANNULUS INNER WALL THERMOCOUPLE ARRANGEMENT
05/01/89	DRWG-D-7022-85	11	SURFACE BOILING CHARACTERISTIC TEST SECTION
08/30/88	DRWG-E-7022-46	01	TEST SECTION BASE STRUCTURAL LAYOUT ASSEMBLY TB/SSS
10/27/88	DRWG-E-7022-54	01	RESERVOIR TANK & HEAT EXCHANGER PIPING
10/27/88	DRWG-E-7022-60	01	SEPARATOR TANK & HEAT EXCHANGER PIPING
10/05/88	DRWG-E-7022-62	01	R. H. INSTRUMENT PANEL JMW SSS
10/05/88	DRWG-E-7022-63	01	MIDDLE INST. PANELS JMW SSS
10/10/88	DRWG-E-7022-64	01	L. H. INST. PANEL JMW SSS
12/07/88	DRWG-E-7022-73	08	TEST FIXTURE INSTRUMENT TAP LOCATIONS
12/07/88	DRWG-E-7022-77	08	ANN DELTA P (PAN) ROSEMOUNT LOCATIONS & SUG'D TUBE & PIPE RUNS
05/01/89	DRWG-E-7022-91	11	SURFACE BOILING TEST FACILITY
05/01/89	DRWG-E-7022-95	02	TERMINAL BLOCK INTERCONNECT
00/00/00	DRWG-INNER WALL	06	INNER WALL ASS'Y STERN LABORATORIES INC.
06/01/88	DRWG-J-7022-29	03	FLUID/POWER CONTROL PANEL JMW/SSS
00/00/00	DRWG-OUTER WALL	06	OUTER WALL ASS'Y STERN LABORATORIES INC.
12/21/88	DRWG-ST-2304	01	D.C POWER CONNECTION STERN LABS
01/02/69	DRWG-ST-MDX4-7703	01	INNER HOUSING EXTRUSION
12/28/71	DRWG-ST-MDX4-8446	01	MK-22 INNER FUEL TUBE (B1)
12/28/71	DRWG-ST-MDX4-8447	01	MK-22 OUTER FUEL TUBE (B0)
12/28/71	DRWG-ST-MDX4-8448	01	OUTER TARGET TUBE MACHINING
12/17/75	DRWG-ST-MDX4-9129	01	MK-16B MIDDLE FUEL TUBE (TM; SM & CM)
12/19/75	DRWG-ST-MDX4-9130	01	MK-16B INNER FUEL TUBE (TI; SI & CI)
12/19/75	DRWG-ST-MDX4-9130-02	01	MK-16B INNER FUEL TUBE (TI; SI & CI)
03/30/76	DRWG-ST-MDX4-9151	01	MK-16B OUTER FUEL TUBE (TO; SO & CO)
10/29/73	DRWG-ST-MDX5-8927	01	MARK 31-A DEPLETED URANIUM TARGET ASSEMBLY
03/30/76	DRWG-ST-MDX5-9147	01	MARK-16B ASSEMBLY SRL
02/01/77	DRWG-ST-MDX5-9214	01	FUEL & OUTER TARGET TUBES SUBASSEMBLY

February 19, 1991 at 4:04 p.m.

Page 15

DATE	ID	TA TITLE
09/22/87	IM-8709-01	06 IM-87-09-721 PLUTO MEETING AND DEL. SCHED FOR 9/23/87-10/30 RGS
09/30/87	IM-8709-02	06 (NO IM #) PLUTO MEETING 9/30/87 RGS
10/15/87	IM-8710-01	06 IM-87-10-770 HEATING THE TUBE WALLS (2-7022.1) GBW
10/22/87	IM-8710-02	02 (NO IM #) PLUTO PROJECT SITUATION RGS
10/23/87	IM-8710-03	06 (NO IM #) GOOD NEWS! RGS
10/29/87	IM-8710-04	01 (NO IM #) PRELIMINARY PLAN FOR DUPONT CLIENT MTG 11/9-10/87 RGS
11/03/87	IM-8711-01	06 IM-87-11-854 QUALITY ASSURANCE REQUIR. FOR THE PLUTO PROJECT SSS
11/06/87	IM-8711-02	06 (NO IM #) CONVERSATION W/A.GARRETT RE:PLUTO QA REQUIREMENTS SSS
11/16/87	IM-8711-03	02 (NO IM #) PLUTO PROPOSAL RGS
11/20/87	IM-8711-04	03 (NO IM #) VARIOUS NOTES ON PLUTO PROJECT FXD
01/20/88	IM-8801-01	06 IM-88-01-066 PLUTO QUALITY ASSURANCE TRAINING SESSION SSS
01/21/88	IM-8801-02	01 IM-88-01-69 VOID FRAC. MEAS. IN HEATED ANNULUS EXP. FXD
02/09/88	IM-8802-01	01 (NO IM #) WATLOW HEATER DESIGN BY GBW TO MHH
03/11/88	IM-8803-01	07 IM-88-03-254 PLUTO DESIGN RECORD FILE SSS
03/11/88	IM-8803-02	06 IM-88-03-257 REQUEST FOR INPUT TO PLUTO TEST PLAN RGS
03/18/88	IM-8803-03	07 IM-88-03-266 PLUTO QA PLAN KEV A SSS
03/18/88	IM-8803-04	07 IM-88-03-267 PLUTO QA PLAN REV. A SSS
03/18/88	IM-8803-05	07 IM-88-03-268 PLUTO QUALITY ASSURANCE PLAN REVISION A RGS
03/22/88	IM-8803-06	01 IM-88-03-273 TRIP REPORT, HEATER MANU. SEARCH MHH
03/24/88	IM-8803-07	07 IM-88-03-279 DUPONT SUPPLIER QA AUDIT SSS
03/31/88	IM-8803-08	06 IM-88-03-286 SEARCH FOR HEATER VENDOR RGS
04/05/88	IM-8804-01	01 IM-88-04-315 HEATER VENDOR STATUS MHH
04/22/88	IM-8804-02	01 IM-88-04-361 RAMA'S QUOTATION FOR DESIGN & MANUFACTURE... MHH
05/04/88	IM-8805-01	01 IM-88-05-393 TRIP REPT. STERN LABS HAMILTON, CANADA MHH
05/18/88	IM-8805-02	06 IM-88-05-444 PLUTO DATA ACQUISITION HARDWARE & SOFTWARE FXD, CJC
05/18/88	IM-8805-03	06 IM-88-05-446 PLUTO MONTHLY PLANS & PROGRESS REPORTS RGS
05/24/88	IM-8805-04	01 IM-88-05-465 TOWN OF WINDSOR, VT -ZONING APP. HEARINGS MHH
06/01/88	IM-8806-01	06 IM-88-06-490 PLUTO PROGRESS RPT. REMINDER LC
06/07/88	IM-8806-02	06 IM-88-06-509 FINAL PLUTO COST ESTIMATE RGS
06/08/88	IM-8806-03	06 IM-88-06-510 JUNE 21 PLUTO MTG PRESENTATION RGS
06/09/88	IM-8806-04	05 IM-88-06-514 DATA ACQUISITION SYSTEM FOR PLUTO EPC
06/09/88	IM-8806-05	05 IM-88-06-517 NBS THERMOPHYSICAL PROPERTIES OF WATER DATABASE EPC
06/15/88	IM-8806-06	07 IM-88-06-528 PLUTO PURCHASING REQUIREMENTS SSS
06/23/88	IM-8806-07	06 IM-88-06-556 PLUTO DAS DEVELOPMENT RESPONSIBILITY RGS
06/24/88	IM-8806-08	07 IM-88-06-551 PLUTO PURCHASING REQ. SSS
07/01/88	IM-8807-01	06 IM-88-07-580 PLUTO PROGRESS REPORT REMINDER LC

DATE	ID	TA	TITLE
07/06/88	IM-8807-02	07	IM-88-07-589 HEATED WALL ANNULUS FLUID TEMP. PROBE FXD
07/13/88	IM-8807-03	10	IM-88-07-617 PLUTO DATA ACQ. PLANNING MTG. EPC
07/14/88	IM-8807-04	06	IM-88-07-611 TRIP REPORT-MTG AT STERN LABORATORIES MHH
07/19/88	IM-8807-05	01	IM-88-07-636 PLUTO DATA ACQ. COST & SCH. ESTIMATE EPC
07/20/88	IM-8807-06	01	IM-88-07-645 PURCHASE OF MASSCOMP 5450 EPC
07/21/88	IM-8807-07	10	IM-88-07-650 NEXT STEPS ON PLUTO DAS SOFTWARE EPC
07/26/88	IM-8807-08	01	IM-88-07-655 USE OF MC5600 WHILE WAITING FOR PLUTO MC5450 EPC
07/26/88	IM-8807-09	01	IM-88-07-656 PRINTER/PLOTTER FOR MASSCOMP EPC
07/26/88	IM-8807-10	01	IM-88-07-657 ADDITIONAL REQ. FOR PLUTO DAS 2-7022-10 EPC
08/03/88	IM-8808-01	06	IM-88-08-680 8/7 MTG AT STERN LABS RGS
08/03/88	IM-8808-02	06	IM-88-08-682 REVISED TEST PLAN RGS
08/04/88	IM-8808-03	08	IM-88-08-683 STEAM-WATER CALIBRATION OF THE MOHR VOID FRAC. FXD
08/12/88	IM-8808-04	01	IM-88-08-705 TRIP REPT.-MTG. AT STERN LABS, CANADA MHH
08/12/88	IM-8808-05	06	IM-88-08-704 TRIP RETP. AT STERN LABS, CANADA MHH
08/16/88	IM-8808-06	01	IM-88-08-714 REVIEW OF MOHR VOID PROBE TESTS GBW
08/17/88	IM-8808-07	10	IM-88-08-717 DATA CONVERSION ROUTINES FOR TEST FAC. INST. FXD
08/25/88	IM-8808-08	08	IM-88-08-741 SIGNAL CONDITIONING DES. FOR TEST FAC. INST. FXD/RLB
08/26/88	IM-8808-09	10	IM-88-08-734 PROGRESS ON PLUTO TASK 10 EPC
09/01/88	IM-8809-01	06	IM-88-09-766 PLUTO PROGRESS REPORT REMINDER LC
09/02/88	IM-8809-02	06	(NO IM #) PLUTO FUNDING SIT. AND COST ESTIMATE FOR ADD WORK RGS
09/08/88	IM-8809-03	06	IM-88-09-779 OCT 4-5 DUPONT MTG. JAB
09/09/88	IM-8809-04	10	IM-88-09-786 CHANGES IN PLUTO DAS SOFTWARE SPEC. 7022.10 EPC
09/21/88	IM-8809-05	08	IM-88-09-825 ALPHA-NUMERIC ID. OF TEST FAC. INSTR. BHS
09/26/88	IM-8809-06	06	IM-88-09-840 OCT 4-5 SRL MEETING JAB
09/27/88	IM-8809-07	07	IM-88-09-842 DUPONT AUDIT OF THE PLUTO PROJECT SSS
09/27/88	IM-8809-08	07	IM-88-09-843 DUPONT AUDIT OF THE PLUTO PROJECT SSS
10/03/88	IM-8810-01	06	(NO IM #) UPDATE ON MONITOR/ACQUIRE SPECIFICATION EPC
10/04/88	IM-8810-02	10	IM-88-10-866 UPDATE ON MONITOR/ACQ. SPEC. FOR PLUTO DATA AC. EPC
10/17/88	IM-8810-03	07	IM-88-10-922 REVISED VENDOR LIST SSS
10/21/88	IM-8810-04	07	IM-88-10-955 DUPONT AUDIT OF PLUTO PROJECT SSS
10/21/88	IM-8810-05	06	IM-88-10-948 CAL.AND REPORTING OF EXP. UNCERTAINTY FXD
10/24/88	IM-8810-06	07	IM-88-10-958 INTERNAL PLUTO AUDIT SSS
10/25/88	IM-8810-07	08	IM-88-09-825 ALPHA-NUMERIC ID. OF TEST FACILITY INSTR. BHS
10/27/88	IM-8810-08	06	IM-88-10-983 MODIFIED PROPOSAL TO SRL, P-1395 REV. C
10/28/88	IM-8810-09	06	IM-88-10-986 PLUTO PROGRESS REPORT REMINDER LC
10/31/88	IM-8810-10	08	IM-88-10-989 PLUTO CHANEL DISIGNATION RLB

February 19, 1991 at 4:04 p.m.

Page 17

DATE	ID	TA TITLE
11/01/88	IM-8811-01	07 IM-88-11-992 REVIEW OF CAL. AND ANALYSES SSS
11/02/89	IM-8811-01	06 IM-89-11-921 RECEIPTS FOR TRAVEL EXPENSES FOR PLUTO PROJECT LC
11/01/88	IM-8811-02	01 IM-88-11-993 PROJ 7022 TASK 1 ASS. OUTER HTER FINITE EL. AN. EPC
11/07/88	IM-8811-03	08 IM-88-11-1007 COR. TO IM-88-11-1007 ON CALCULATE.EXP. UNCERT. FXD
11/08/88	IM-8811-04	10 IM-88-11-1011 STATUS MEETING FOR PLUTO TASK 10. EPC
11/16/88	IM-8811-05	09 IM-88-11-1034 MASSCOMP INSTR. LIST RLB
11/22/88	IM-8811-06	06 IM-88-11-1055 PLUTO SCHEDULE JAB
11/17/88	IM-8811-07	06 IM-88-11-1039 PLUTO PROJECT MEETING JAB
11/30/88	IM-8811-08	09 IM-88-11-1074 QC CHECK ON THE CALIBRATION CERTIFICATES FXD
12/01/88	IM-8812-01	06 IM-88-12-1082 PLUTO PROGRESS REPORT REMINDER JAB
12/02/88	IM-8812-02	01 (NO IM #) MEASUREMENT OF CIRCUMFERENTIAL VELOCITY... JAM
12/15/88	IM-8812-03	02 IM-88-12-1078 CORRECTED MASSCOMP INST. LIST RLB
12/02/88	IM-8812-04	06 IM-88-12-1085 SAFETY REVIEW OF PLUTO JAB
12/09/88	IM-8812-05	08 IM-88-12-1090 THREADED FIT. FOR TEST ANNULUS OUTER WALL INST. MHH
12/16/88	IM-8812-06	06 IM-88-12-1142 PLUTO FUNDING JAB
12/01/88	IM-8812-07	09 IM-88-12-1130 TRIP REPORT MTG. AT STERN LABORATORIES 12-8-88 MHH
12/20/88	IM-8812-08	07 IM-88-12-1156 DESIGN INPUT CONTROL SSS
12/19/88	IM-8812-09	01 IM-88-12-1153 FLOW TO POWER RATIO OUTPUT FOR P/S LIMIT TRIP FXD
01/04/89	IM-8901-01	06 IM-89-01-009 INFORMAL PLUTO MEETING LC
01/05/89	IM-8901-02	06 IM-89-01-010 PLUTO PROGRESS REPORT REMINDER LC
01/05/89	IM-8901-03	02 (NO IM #) PROJECT REVIEW MEETING MINUTES LC
01/10/89	IM-8901-04	06 IM-9-01-024 RESULTS COSMOS/M CAL TO EST EFFECT EDGE HEAT LOSS PNW
01/11/89	IM-8901-05	06 IM-89-01-035 SAFETY REVIEW OF PLUTO PROJECT FXD
01/17/89	IM-8901-06	06 IM-89-01-054 RESCHEDULED SAFETY REVIEW MEETING FOR PLUTO FXD
01/19/89	IM-8901-07	09 IM-89-01-065 CALIBRATION CHECK OF ROSEMOUNT PRESSURE TRANS FXD
01/25/89	IM-8901-08	06 IM-89-01-077 PLUTO PROGRESS REPORT REMINDER LC
01/26/89	IM-8901-09	06 IM-89-01-084 PLUTO LIABILITY JAB
01/27/89	IM-8901-10	06 IM-89-01-083 PLUTO DAS PROGRESS AND BUG STATUS REPORT EPC
02/07/89	IM-8902-01	01 IM-89-02-117 PROJ 7022.1 HEATER AND SEAL FINITE ELEMENT ANL EPC
02/08/89	IM-8902-02	06 IM-89-02-116 WRAP-UP OF SAFETY REV OF PLUTO EXP PROGRAM FXD
02/13/89	IM-8902-03	06 IM-89-02-127 VISIT TO COLUMBIA JAB
02/17/89	IM-8902-04	10 IM-89-02-135 PLUTO DAS PROGRESS AND BUG STATUS REPORT EPC
02/24/89	IM-8902-05	06 IM-89-02-149 PLUTO PROGRESS REPORT REMINDER LC
02/28/89	IM-8902-06	10 IM-89-02-152 MEETING-PROJECT 7022.10 EPC
03/07/89	IM-8903-01	08 IM-89-02-185 COR. OF ANN. PRES. DROP MEAS. TO ACCT. FOR MANO. FXD
03/08/89	IM-8903-02	06 IM-89-03-178 SRL VISIT JAB

DATE	ID	TA	TITLE
03/09/89	IM-8903-03	06	IM-89-03-186 LEW PATRICK JAB
03/15/89	IM-8903-04	06	IM-89-03-208 MEETING-PLUTO DAS EPC
03/20/89	IM-8903-05	01	IM-89-03-219 FIRST CUT RESULTS OF POWER TILT FINITE ELEM ANAL. EP
03/20/89	IM-8903-06	10	IM-89-03-220 PLUTO DAS PROGRESS AND BUG STATUS REPORT EPC
03/20/89	IM-8903-07	10	IM-89-03-221 PLUTO 7022.10 POWER CUT-OFF ALGORITHM EPC
03/22/89	IM-8903-08	10	IM-89-03-226 INSTRUMENT PANEL SHIPMENT SCHEDULE UPDATE EPC
03/23/89	IM-8903-09	06	IM-89-03-230 PLUTO PROGRESS REPORT REMINDER JAB
03/27/89	IM-8903-10	09	IM-89-03-243 VOLTAGE CHANGES FOR 2 TRANSDUCERS RLB
03/29/89	IM-8903-11	01	IM-89-03-247 ATTS TO BAL. OUT DISTORTED WALL HEAT FLX PROFILE EPC
03/31/89	IM-8903-12	02	IM-89-03-253 SRL VISIT APRIL 5, 1989 JAB
03/31/89	IM-8903-13	02	IM-89-03-259 WALL HEAT FLUX DISTRIBUTION JAB
04/06/89	IM-8904-01	10	IM-89-04-280 PLUTO DAS REVIEW MEETING EPC
04/10/89	IM-8904-02	06	IM-89-04-285 ADDITIONAL PLUTO FACILITY SAFETY TRIPS JAB
04/10/89	IM-8904-03	10	IM-89-04-286 PLUTO 7022.10 POWER CUT-OFF ALGORITHM REVISION A EPC
04/12/89	IM-8904-04	06	IM-89-04-296 HEATERS JAB
04/13/89	IM-8904-05	01	IM-89-04-301 PHONE CALL FROM JAMES LAURINET AT SRL EPC
04/13/89	IM-8904-06	01	IM-89-04-302 STRUCT. FINITE ELE. ANAL. OF PLUTO HEATER ASSEM. EPC
04/14/89	IM-8904-07	01	IM-89-04-306 PLUTO 7022.1 DAS REVIEW MEETING EPC
04/18/89	IM-8904-08	01	IM-89-04-312 MEETING APRIL 20 OLD CONFERENCE ROOM EPC
04/18/89	IM-8904-09	01	IM-89-04-311 SFTY INTERLOCKS FOR ANN. HEAT TRANS.TEST FAC. FXD/MH
04/18/89	IM-8904-10	10	IM-89-04-317 DIMENSIONLESS PAR. FOR POWER-TO-FLOW TRIP ALG. FXD
04/19/89	IM-8904-11	11	IM-89-04-319 SAFETY REVIEW TEAM FOR PLUTO/SURFACE (7022.11) FXD
04/19/89	IM-8904-12	10	IM-89-04-325 PLUTO 7022.10 POWER CUT-OFF ALGORITHM REVISION B EPC
04/19/89	IM-8904-13	10	IM-89-04-320 VOLTAGE CHANGES FOR 2 TRANSDUCERS BHS
04/19/89	IM-8904-14	10	IM-89-04-321 CORR. OF ANN. PRESS. DROP MEAS. TO ACCT. FO MAN BHS
04/21/89	IM-8904-15	01	IM-89-04-335 PROJ.7022.1 OUTER HEATER SEAL EPC
04/24/89	IM-8904-16	01	IM-89-04-336 PROJ.7022..1 INNER HEATER SEAL EPC
04/24/89	IM-8904-17	11	IM-89-04-342 SAFETY REV. FOR PLUTO/SURFACE PROJECT (7022.11) FXD
04/27/89	IM-8904-18	06	IM-89-04-353 PLUTO PROGRESS REPORT REMINDER LC
05/08/89	IM-8905-01	09	IM-89-05-380 TRIP REPORT-MEETING AT STERN LABS, MAY 4, 1989 FXD
05/08/89	IM-8905-02	11	IM-89-05-379 SUM DAFETY REVIEW FOR SURFACE BOILING CHARACTER FXD
05/15/89	IM-8905-03	02	IM-89-05-400 DATA FOR SOLUBILITY OF HELIUM IN NORMAL WATER FXD
05/15/89	IM-8905-04	04	IM-89-05-405 REV. PLANS/SAFE INT.LOCK FOR ANN. HT TRANS.TEST FXD
05/24/89	IM-8905-05	09	IM-89-05-428 TRIP REPORT-MTG AT STERN LABORATORIES FXD, NW, SSS
05/30/89	IM-8905-06	06	(NO IM #) PLUTO PROGRESS REPORT REMINDER LC
05/31/89	IM-8905-07	01	IM-89-05-450 PROJ7022.1 FIN.EL. ANAL. SUM & OPERAT VAL GUIDE EPC

February 19, 1991 at 4:04 p.m.

Page 19

DATE	ID	TA	TITLE
06/06/89	IM-8906-01	06	IM-89-06-470 RESULTS OF LAST TRIP TO STERN LABS (5/31) NW
06/06/89	IM-8906-02	09	IM-89-06-472 CAL. OF THE ZONE BLOCK AND REF THERMOCOUPLES BHS
06/06/89	IM-8906-03	09	IM-89-06-473 TRIP REPORT-MTG AT STERN LABORATORIES MHH
06/01/89	IM-8906-04	01	IM-89-05-455 CORRECTION TO IM-89-5-450 EPC
06/02/89	IM-8906-05	01	IM-89-06-459 FINAL THERMAL ANALYSIS OF POWER TILT EPC
06/22/89	IM-8906-06	09	IM-89-06-518 REPORT ON TRIP TO STERN LABS-JUNE 20-21, 1989 FXD
06/28/89	IM-8906-07	06	IM-89-06-527 DATA ACQUISITION SYS DEVELOPMENT, TASK 10 FXD
07/03/89	IM-8907-01	06	(NO IM #) PLUTO PROGRESS REPORT REMINDER LC
07/03/89	IM-8907-02	06	IM-89-05-447 STDY STATE PRED. SAVAN R. SUBC. NUCLEATE BOIL JJB/CJ
07/12/89	IM-8907-03	07	IM-89-07-557 CAL. OF DIMENSIONAL MEASURING TOOLS SSS
07/18/89	IM-8907-04	01	IM-89-07-575 EXTRA WEB THER. FINITE ELE. ANA.&REV. MAX PLEVEL EPC
07/24/89	IM-8907-05	06	IM-89-07-597 FACILITY TOURS 7022 JAB
07/27/89	IM-8907-06	02	IM-89-07-608 PLUTO FACILITY THERMOCOUPLES NW
07/26/89	IM-8907-07	06	IM-89-07-585 STEADY STAT PREDICTION OF COLUMBIA TUBE DATA JJB
07/28/89	IM-8907-08	06	(NO IM #) PLUTO PROGRESS REPORT REMINDER LC
08/01/89	IM-8908-01	09	IM-89-08-622 ANTICIPATED SHCHEDULE FOR SHAKEDOWN & TESTING FXD
08/04/89	IM-8908-02	09	IM-89-08-632 OPT. FOR INCR.HEATER POWER INPUT/POWER TILT TST FXD
08/09/89	IM-8908-03	07	IM-89-08-642 VERIFICATION OF DATA ACQUISITION, CONV. & DISPLAY BH
08/10/89	IM-8908-04	01	IM-89-08-645 AXAL CON.ON WALL HEAT FLX AT END OF HEATD LENGTH EPC
08/21/89	IM-8908-05	09	IM-89-08-670 TRIP REPORT - VISIT TO STERN LABS, 8/17 & 8/18 FXD
08/23/89	IM-8908-06	06	IM-89-08-679 INCENTIVE PAY POLICY DLK
08/30/89	IM-8908-07	02	IM-89-08-700 TRIP REPORT-VISIT TO STERN LABS 8/23-25 (7022.2) FXD
09/01/89	IM-8909-01	06	IM-89-09-715 PLUTO FILING LC
09/11/89	IM-8909-02	06	IM-89-09-739 B&W PROGRAM AND RIB EFFECTS JAB
09/12/89	IM-8909-03	02	IM-89-09-742 SUM OF INVEST TO CORRECT ANN GAP VARIATIONS FXD
10/02/89	IM-8910-01	12	IM-89-09-791 BUG FIX TO RELAP5/MOD2 JJB
10/03/89	IM-8910-02	09	IM-89-10-808 TRIP RPT-ACT AT STERN LABS, WEEK OF 9/25-29/89 FXD
10/09/89	IM-8910-03	02	IM-89-10-824 TRIP RPT - ACT AT STERN LABS, 10/3-6/89 (7022) FXD
10/11/89	IM-8910-04	06	IM-89-10-841 SRL CONTRACTORS MEETING JAB
10/11/89	IM-8910-05	05	IM-89-10-846 INI LOOK DETAILED INSTR OUTPUT PLUTO SHAKEDOWN CJC
10/12/89	IM-8910-06	12	IM-89-10-807 STDY STPRED COLUMBIA SGLE ANN EXP USING ANN&RLP5 EMM
10/11/89	IM-8910-07	05	IM-89-10-846 INIT LOOK AT DETALD INSTR OUTPUT PLUTO SHAKEDOWN CJC
10/16/89	IM-8910-08	12	IM-89-10-809 INIT RELP5 TRANS CAL FOR COLUMBIA S TUBE LOOP JJBCJC
10/17/89	IM-8910-09	05	IM-89-10-848 ANALYSIS OF SHAKEDOWN TESTS AT 50,000 BTU/HR-FT2 CJC
10/24/89	IM-8910-10	06	(NO IM #) PLUTO PROGRESS REPORT REMINDER LC
10/26/89	IM-8910-11	02	IM-8910-887 TRIP RPT. - VISIT TO STERN LABS, 10/23-25, 1989 FXD

February 19, 1991 at 4:04 p.m.

Page 20

DATE	ID	TA TITLE
10/27/89	IM-8910-12	06 IM-89-10-890 DATA QUALITY CHECKS JAB
10/31/89	IM-8910-13	02 IM-89-10-914 ADDENDUM TO RIP RPT OF 10/26 (IM-89-10-887) FXD
11/00/89	IM-8911-01	06 IM-89-11-921 RECEIPTS FOR TRAVEL EXPENSES FOR PLUTO PROJECT LC
11/15/89	IM-8911-02	12 IM-89-11-926 RELAP5 CHF MODEL LIMIT. & EFFECT ON OFI CAL. JJB,EMM
11/17/89	IM-8911-03	06 (NO IM #) RECORD OF TELEPHONE CONVERSATIONS LC
11/20/89	IM-8911-04	04 IM-89-11-974 TRIP REPORT - VISIT TO STERN LABS, 11/9-17/89 FXD
11/28/89	IM-8911-05	06 (NO IM #) PLUTO PROGRESS REPORT REMINDER LC
12/01/89	IM-8912-01	06 IM-89-12-1008 NEW VOLTAGE AND RESISTANCE STANDARDS FXD
12/04/89	IM-8912-02	04 IM-89-12-1010 TRIP REPORT-STERN LABS 11/29-30/89 MHH
12/07/89	IM-8912-03	04 IM-8912-1030 TRIP REPORT - VISIT TO STERN LABS - 12/6/89 FXD
12/12/89	IM-8912-04	07 IM-89-12-1031 STATUS ON CHF CORRELATIONS CJC
12/13/89	IM-8912-06	12 IM-89-12-1046 PRETEST PRED. OF COSINE PROFILE EXP. AT COL. CJC
12/20/89	IM-8912-07	04 IM-89-12-1068 PROGRESS AT STERN LABS AS OF DECEMBER 19 FXD
01/02/90	IM-9001-01	12 IM-89-12-1050 RELAP5 VAPOR GENERATION MODEL (AS CODED) JJB
01/02/90	IM-9001-02	12 IM-89-11-1004 STEADY STATE RELAP5 CAL. FOR SINGLE TUBE LOOP JJB
01/09/90	IM-9001-03	07 IM-90-01-003 STATUS OF SUBCOOLED CHF CORRELATIONS CJC
01/09/90	IM-9001-04	04 IM-90-01-026 STATUS OF ANNULUS TEST FACILITY AS OF 1/8/90 FXD
01/15/90	IM-9001-05	04 IM-90-01-045 TRIP REPORT-VISIT TO STERN LABS, 1/12/90 FXD
01/22/90	IM-9001-06	12 IM-90-01-063 VAPOR GENERATION MOD IN RELAP5/MOD3 (1ST LOOK) JJB
01/23/90	IM-9001-07	12 IM-90-01-066 INITIAL TESTING OF RELPA5/MOD2 MODIFICATIONS JJB
01/23/90	IM-9001-08	07 IM-90-01-070 INSPEC. DATA FOR TEST ANN INNER AND OUTER WALLS FXD
01/26/90	IM-9001-09	04 IM-90-01-080 CALIBRATION DATA FOR THE FLOW METER TRANSDUCER FXD
02/14/90	IM-9002-01	04 IM-90-02-142 REPT ON ANNULUS TESTING AT STERN JAN. 29-FEB. 10 FXD
02/15/90	IM-9002-02	06 IM-90-02-145 CONVERSATION WITH ZAFAR JAB
02/22/90	IM-9002-03	04 IM-90-02-155 PLANS AND PROGRESS FOR RE-START ANNULUS TESTING FXD
02/26/90	IM-9002-04	05 IM-90-02-156 EVALUATION OF OFI POINTS FOR SERIES 1 TO 4 JJB
02/27/90	IM-9002-05	04 IM-90-02-155 PNAS AND PROG FOR RE-START OF ANNULUS TESTING FXD
02/28/90	IM-9002-06	04 IM-90-02-178 UPDATE ON PROG. FOR RE-START OF ANNULUS TESTING FXD
02/28/90	IM-9002-07	04 IM-90-02-170 SUM DATA QUALITY CHKS FOR NON-RIBBED ANN TESTS BHS
03/02/90	IM-9003-01	05 IM-90-02-176 PRELIMINARY ANALYSIS OF ANNULUS TESTS W/O RIBS CJC
03/02/90	IM-9003-02	06 IM-90-03-189 PLUTO TEST DATA QUALITY JAB
03/07/90	IM-9003-03	04 IM-90-02-199 ANNULUS THERMOCOUPLE CALIBRATION DATA FXD
03/08/90	IM-9003-04	06 IM-90-03-205 UPDATE ON PROG FOR THE RE-START OF ANN TESTING FXD
03/14/90	IM-9003-05	02 IM-90-03-219 INSPECTION OF ANNULUS INSTRUMENTATION DRILLING MHH
03/22/90	IM-9003-06	04 IM-90-03-262 UPDATE ON PROG FOR RE-START OF ANNULUS TESTING FXD
03/26/90	IM-9003-07	04 IM-90-03-269 INSPECTION & MACH DATA FOR ANN TEST SEC INSTR FXD

DATE	ID	TA TITLE
03/29/90	IM-9003-08	04 IM-90-03-302 TEL. CONVERSATION WITH ZAFAR REGARDING ANN ASSY FXD
04/06/90	IM-9004-01	04 IM-90-04-318 UPDATE (#4) ON PROG FOR RE-START OF ANN TESTING FXD
04/09/90	IM-9004-02	04 IM-90-04-323 PLANS FOR ASSEMBLING THE ANNULUS TEST SECTION FXD
04/13/90	IM-9004-03	04 IM-90-04-090 UPDATE (#5) ON PROG FOR RE-START OF ANN TESTING FXD
04/27/90	IM-9004-04	04 IM-90-04-371 AS-BUILT GEOMETRY DATA FOR RIB WALL ANN TEST SEC FXD
04/27/90	IM-9004-05	02 IM-90-04-373 INSP RPT & MEASUREMENTS OF RIB WALL ANN TEST SEC FXD
05/07/90	IM-9005-01	04 IM-90-05-394 TRIP RPT-TEST FAC CHECKOUT & RECOMMISSIONING FXD
05/15/90	IM-9005-02	04 IM-90-05-410 TRIP TO STERN LABS, MAY 6-11, 1990 RGS, BHS
05/16/90	IM-9005-03	04 IM-90-05-419 DISASSY & INITIAL INSPEC OF DAMAGED RIBBED ANN FXD
05/17/90	IM-9005-04	04 IM-90-05-422 FURTHER INSPEC OF THE DAMAGED ANN TEST SEC FXD
06/05/90	IM-9006-01	07 IM-90-06-465 PLUTO DESIGN RECORD FILE LC, NRD, SSS
06/12/90	IM-9006-02	07 (NO IM #) MEETING WEDNESDAY, JUNE 13, 9:00 AM FXD
06/27/90	IM-9006-03	04 IM-90-06-519 STATUS RPT AND PLANS FOR TESTING AT STERN LABS FXD
08/06/90	IM-9008-01	05 IM-90-07-593 PRELIMINARY ANALYSIS OF CREARE ANN TEST W/RIBS RGS
08/06/90	IM-9008-02	04 IM-90-08-626 TRIP RPT-ANN TESTING AT STERN LABS 7/30-8/1, 90 FXD
08/21/90	IM-9008-03	04 IM-90-08-674 TRIP RPT-RIBBED ANN TESTING 8/14-8/17, 90 FXD, RGS
08/27/90	IM-9008-04	04 IM-90-08-690 POST-TEST CALIBRATION OF PRESSURE TRANSDUCERS FXD
08/28/90	IM-9008-05	06 (NO IM #) SRL DELIVERABLE RECORDS SSS
08/29/90	IM-9008-06	04 IM-90-08-696 RIBBED ANNULUS PRESSURE DROP VARIATIONS FXD
09/04/90	IM-9009-01	04 IM-90-09-705 AS-BILT GEO DATA FOR BILD 2 RIB ANN TEST SEC FXD
09/04/90	IM-9009-02	04 IM-90-09-707 VERIF OF QUADRANT PWR FACTORS FOR PWR TILT TESTS FXD
09/04/90	IM-9009-03	04 IM-90-09-706 INSPECTION DATA FOR REBILT RIB INNER WALL ASSY FXD
09/05/90	IM-9009-04	04 IM-90-09-709 ANN WALL TEMP - COMP WITH PRE-TEST PREDICTIONS FXD
00/00/00	INV-00-01	06 ORIGINAL VOUCHER
12/23/87	INV-8712-01	06 VOUCHER # 1 CONTRACT# AX721102 L. MCLEAN
01/08/88	INV-8801-01	06 VOUCHER # 2 CONTRACT# 721102 L. MCLEAN
01/06/88	INV-8801-02	06 VOUCHER #15 CONTRACT# AX-721102 L. MCLEAN
02/04/88	INV-8802-01	06 VOUCHER # 3 CONTRACT# 721102 L. MCLEAN
03/03/88	INV-8803-01	06 VOUCHER # 4 CONTRACT# 721102 L. MCLEAN
04/04/88	INV-8804-01	06 VOUCHER # 5 CONTRACT# 721102 L. MCLEAN
05/06/88	INV-8805-01	06 VOUCHER # 6 CONTRACT# 721102 L. MCLEAN
06/06/88	INV-8806-01	06 VOUCHER # 7 CONTRACT# 721102 L. MCLEAN
06/21/88	INV-8806-02	02 STERN LABS CREARE PO# 09686-7022.2
07/12/88	INV-8807-01	02 STERN LABS CREARE PO# 09686-7022.2
08/04/88	INV-8808-01	06 VOUCHER #10 CONTRACT# 721102 L. MCLEAN
09/06/88	INV-8809-01	06 VOUCHER #11 CONTRACT# 721102 L. MCLEAN

February 19, 1991 at 4:04 p.m.

Page 22

DATE	ID	TA TITLE
09/22/88	INV-8809-02	02 STERN LABS CREARE PO# 09686-7022.2
10/05/88	INV-8810-01	06 VOUCHER #12 CONTRACT# AX-721102 L. MCLEAN
10/31/88	INV-8810-02	04 STERN LABS CREARE PO# 10522-7022.4
11/03/88	INV-8811-01	06 VOUCHER #13 CONTRACT# AX-721102 L. MCLEAN
11/30/88	INV-8811-02	04 STERN LABS CREARE PO# 10522-7022.4
12/03/88	INV-8812-01	06 VOUCHER #14 CONTRACT# AX-721102 L. MCLEAN
12/31/88	INV-8812-02	04 STERN LABS CREARE PO# 10522.7022.4
01/31/89	INV-8901-01	04 STERN LABS CREARE PO# 10522-7022.4
02/06/89	INV-8902-01	06 VOUCHER #16 CONTRACT# AX721102 L. MCLEAN
02/23/89	INV-8902-02	02 STERN LABS CREARE PO# 09686-7022.2
02/24/89	INV-8902-03	06 VOUCHER #17 CONTRACT# 721102 L. MCLEAN
02/28/89	INV-8902-04	04 STERN LABS CREARE PO# 10522-7022.4
03/04/89	INV-8903-01	06 VOUCHER #18 CONTRACT# AX-721102
03/31/89	INV-8903-02	04 STERN LABS CREARE PO# 10522-7022.4
04/06/89	INV-8904-01	06 VOUCHER #19 CONTRACT AX721102 L. MCLEAN
04/28/89	INV-8904-02	04 STERN LABS CREARE PO# 10522-7022.4
04/30/89	INV-8904-03	06 VOUCHER #20 CONTRACT# AX-721102
05/24/89	INV-8905-01	02 STERN LABS CREARE PO# 09686-7022.2
05/31/89	INV-8905-02	06 VOUCHER #21 CONTRACT# AX-721102
05/31/89	INV-8905-03	04 STERN LABS CREARE PO# 10522-7022.4
06/09/89	INV-8906-01	04 STERN LABS CREARE PO# 10522-7022.4
06/30/89	INV-8906-02	06 VOUCHER #22 CONTRACT# AX-721102
06/30/89	INV-8906-03	06 VOUCHER #22 CONTRACT# AX-721102 MCLEAN
06/30/89	INV-8906-04	04 STERN LABS CREARE PO# 10522-7022.4
07/07/89	INV-8907-01	06 VOUCHER # 8 CONTRACT# AX-721102
07/14/89	INV-8907-02	06 VOUCHER # 9 CONTRACT# AX-721102
07/31/89	INV-8907-03	02 STERN LABS CREARE PO# 10522-7022.4
08/02/89	INV-8908-01	06 VOUCHER #24 CONTRACT# AX-721102
08/11/89	INV-8908-02	02 STERN LABS CREARE PO# 09686-7022.2
08/31/89	INV-8908-03	04 STERN LABS CREARE PO# 10522-7022.4
09/06/89	INV-8909-01	06 VOUCHER #25, CONTRACT# AX-721102 MCLEAN
09/30/89	INV-8909-02	04 STERN LABS CREARE PO# 10522-7022.4
10/03/89	INV-8910-01	06 VOUCHER #26, CONTRACT# AX-721102 MCLEAN
10/31/89	INV-8910-02	04 STERN LABS CREARE PO# 10522-7022.4
11/02/89	INV-8911-01	06 VOUCHER #27 CONTRACT# AX-721102 PAIGE
11/30/89	INV-8911-02	06 STERN LABS CONTRACT# 10522-7022.4

February 19, 1991 at 4:04 p.m.

Page 23

DATE	ID	TA TITLE
11.30/89	INV-8911-03	04 STERN LABS CREARE PO# 10522-7022.4
12/05/89	INV-8912-01	06 VOUCHER #29 CONTRACT# AX-721102 PAGE
12/31/89	INV-8912-02	04 STERN LABS CREARE PO# 10522-7022.4
01/03/90	INV-9001-01	06 VOUCHER #30 CONTRACT# AX-721102 D. PAGE
01/31/90	INV-9001-02	04 STERN LABS CREARE PO# 10522-7022.4
02/02/90	INV-9002-01	06 VOUCHER #31 CONTRACT# AX-721102 D. PAGE
02/28/90	INV-9002-02	06 VOUCHER #32 CONTRACT# AX-721102 D. PAGE
02/28/90	INV-9002-03	04 STERN LABS CREARE PO# 10522-7022.4
03/31/90	INV-9003-01	06 VOUCHER #33 CONTRACT# AX721102 D. PAGE
03/31/90	INV-9003-02	04 STERN LABS CREARE PO# 10522-7022.4
04/09/90	INV-9004-01	02 STERN LABS CREARE PO# 09686-7022.2
04/24/90	INV-9004-02	02 STERN LABS CREARE PO# 09686-7022.2
04/30/90	INV-9004-03	04 STERN LABS CREARE PO# 10522-7022.4
05/03/90	INV-9005-01	04 STERN LABS CREARE PO# 01130-7022.4
05/31/90	INV-9005-02	04 STERN LABS CREARE PO# 10522-7022.4
06/30/90	INV-9006-01	04 STERN LABS CREARE PO# 10522-7022.4
07/31/90	INV-9007-01	04 STERN LABS CREARE PO# 10522-7022.4
08/31/90	INV-9008-01	06 VOUCHER #38 CONTRACT# AX-721102 (LETTER SUBCONTRACT) D. PAGE
10/20/88	ISPT-DRWG-7022.2	01 VERT. TANK-MFG SER. NO. 2299, ACME IND. EQUIP. SSS
10/20/88	ISPT-DRWG-7022.3	01 VERT-MFG. SER. NO. 2300, ACME IND. EQUIP. SSS
00/00/00	ISPT-DRWG-LIST	06 DRAWING LIST
01/13/89	ISPT-FDPB-D-7022-57A	07 DRAWING D-7022-57 SSS
10/07/88	ISPT-FLG-C-7022-40	07 DISCREPANT MATERIAL REPORT PART # C-7022-40 SSS
10/07/88	ISPT-FLG/IN-C7022-41	07 MACHINED PARTS DIMENSIONAL RECORD PART #C7022-41 SSS
10/24/88	ISPT-IN-E-7022-62	01 RH INSTRUMENT PANEL DRAWING #E-7022-62 JMW
10/24/88	ISPT-IN-E-7022-63	01 MIDDLE INSTRUMENT PANELS DRAWING #E-7022-63 JMW
10/24/88	ISPT-IN-E-7022-64	01 L.H. INSTRUMENT PANEL DRAWING #E-7022-64 JMW
07/30/89	ISPT-IR-014	06 CREARE FUEL SIMULATION
08/11/89	ISPT-IR-015	06 CREARE FUEL SIMULATION
04/18/90	ISPT-IR-031-70222	02 CREARE FUEL SIMULATION PROGRAM
10/20/88	ISPT-PV-01	06 INSPECTION OF PRESSURE VESSELS
10/20/88	ISPT-PV-02	06 INSPECTION OF PRESSURE VESSELS
02/14/89	ISPT-SL14-020	06 CREARE FUEL SIMULATION
07/12/89	ISPT-SL14-024	06 CREARE FUEL SIMULATION
11/21/88	ISPT-SL14/015	06 CREARE FUEL SIMULATION
09/21/88	ISPT-SMU-PO#09853	07 MACHINED PARTS DIMENSIONAL RECORD DRAWING # PO#09853-7022.2 SSS

February 19, 1991 at 4:04 p.m.

Page 24

DATE	ID	TA	TITLE
10/07/88	ISPT-TUB-D-7022-39	07	MACHINED PARTS DIMENSIONAL RECORD PART # D-7022-39
10/07/88	ISPT-WDTSI-D-7022-44	07	DISCREPANT MATERIAL REPORT DRAWING #D7022-44 SSS
03/23/88	LTR0-8803-02	06	MHH 3.434 TEST ANNULUS HEATER HOYT/RAMA CORPORATION
01/15/87	LTRC-8701-01	07	GARRETT DRAFT QA TM-1207 SSS
01/12/88	LTRC-8801-01	06	OSGOOD FINALIZE CONSULTANT AGREEMENT JAS
01/20/88	LTRC-8801-02	06	ROSS EXCEP. TO MODS. TO P-1305 RGS
01/22/88	LTRC-8801-03	01	ROSS FIRST MONTHLY PR DECEMBER 1987 RGS
01/26/88	LTRC-8801-04	02	ROSS REVISION TO DEC PR LC
01/26/88	LTRC-8801-05	06	ROSS REQ FOR APP OF OUR PROPOSED POWER DESIGN SUBCONTRACTOR JAB
02/01/88	LTRC-8802-01	02	ROSS REQ. FOR APR. OF OUR PROPOSED POWER DES. SUBCONTRACTOR JAB
03/03/88	LTRC-8803-01	06	ROSS PROGRESS REPORT FEBRUARY 1988 RGS
03/04/88	LTRC-8803-02	06	ROSS REVISED VENDORS LIST RGS
03/10/88	LTRC-8803-03	01	JOHNSTON MATERIAL ON CONDUCTIVITY PROBE FXD
03/17/88	LTRC-8803-04	07	GARRETT TM-1207 REV A SSS
03/17/88	LTRC-8803-05	07	JONES COMPLETED SRL SUPPLIER INFO. FORM SSS
03/28/88	LTRC-8803-06	06	HOYT REQ FOR QUOTATION FOR DESIGN & MANUF OF 2 HIGH WATT... DLK
04/08/88	LTRC-8804-01	07	BURROWS RESPONSE TO QA REVIEW QUESTIONS SSS
04/08/88	LTRC-8804-02	06	ROSS REQ PERMISSION TO LEASE 2400 SQUARE FEET AT FORMER PLANT RAH
04/11/88	LTRC-8804-03	01	MOHR FOLLOW UP TO PHONE CONVERSATION FXD
04/11/88	LTRC-8804-04	01	JOHNSTON VOID FRACTION MEASUREMENT METHOD FXD
04/13/88	LTRC-8804-05	01	TOWNSEND DRAFT LEASE W/ CT RIVER DEV. CORP. MHH
04/13/88	LTRC-8804-06	06	ROSS MARCH 1988 PROGRESS REPORT RGS
04/22/88	LTRC-8804-07	01	ROSS REVS. CLAUSE X TO SUBCONTRACTORS CONTRACT RGS
04/22/88	LTRC-8804-08	01	ROSS REQ APP TO SUBCONTRACT RAMA CORP PURSUE HEATER DEVELOP RGS
04/11/88	LTRC-8804-09	01	ROSS REQ. FOR APPROVAL TO SUBCONT. RAMA CORP. RGS
04/26/88	LTRC-8804-10	07	ROSS UPDATED QA PLAN SSS
04/26/88	LTRC-8804-11	06	ROSS HEATER PROCUREMENT JAB
04/29/88	LTRC-8804-12	06	HADALLER REQ OR QUOTATION DLK
05/03/88	LTRC-8805-01	03	ROSS DRAFT TEST PLAN RGS
05/22/88	LTRC-8805-02	01	MOHR SENT NESTED TUBES FOR EVALU OF VOID FRACTION PROBE DES. FXD
05/18/88	LTRC-8805-03	06	ROSS PROGRESS REPORT APRIL RGS
05/31/88	LTRC-8805-04	01	MOHR REQUEST A QUOTE TO PROVIDE VOID FRAC. MEASURING SYS FXD
06/01/88	LTRC-8806-01	01	PORCELLI RESPONSE TO QUOTE MHH
06/01/88	LTRC-8806-02	01	MOHR ENCLOSE DRAWINGS SHOWING PLATE IN WHICH PROBE MT. FXD
06/10/88	LTRC-8806-03	01	ROSS REQ. TO SUBCONTRACT STERN LABS. RGS
06/10/88	LTRC-8806-04	06	DELARODERIE MODIFICATION OF P-1305 REV. A JAB

DATE	ID	TA TITLE
06/16/88	LTRC-8806-05	06 ROSS PROGRESS REPORT MAY 1988 RGS
06/16/88	LTRC-8806-06	06 ROSS FACILITY SITE CONSIDERATIONS RGS
06/23/88	LTRC-8806-07	01 PATRICK REQ. PURCHASE APPROVAL MOHR & ASSOC. RGS
06/23/88	LTRC-8806-08	06 PATRICK REVISED VENDORS LIST RGS
06/27/88	LTRC-8806-09	01 PATRICK REQ. FOR PURCHASE APPROVAL GEMSTAR RENTAL ELEC EQP. RGS
07/08/88	LTRC-8807-01	02 PATRICK REQ. FOR PURCHASE APP. TEST FAC. HARDWARE RGS
07/11/88	LTRC-8807-02	06 PATRICK OBTAIN CONTRACT FOR WORK DOING FOR DUPONT JAB
07/12/88	LTRC-8807-03	08 DEAN REQ. A QUOTE FOR THERMOCOUPLE PROBES BHS
07/12/88	LTRC-8807-04	08 NANIGIAN REQ. FOR QUOTE TO PROBE THER. PROBES BHS
07/12/88	LTRC-8807-05	08 UNKEL REQ. QUOTE THERMO. PROBES BHS
07/15/88	LTRC-8807-06	02 STERN UTIL. CONNECT. TO CREARE TEST FAC. MHH
07/15/88	LTRC-8807-07	02 PATRICK REQ. FOR PURCHASE APPROV. ANNULUS INLET/HARDWARE RGS
07/15/88	LTRC-8807-08	06 PATRICK PROGRESS REPORT JUNE 1988 RGS
07/25/88	LTRC-8807-09	08 LOMBARDI USE OF MONITOR GRAPHICS FXD
07/29/88	LTRC-8807-10	09 PATRICK REQ. FOR PURCHASE APP. DATA ACQ. SYSTEM RGS
08/02/88	LTRC-8808-01	08 PATRICK REQ. FOR PURCHASE APPR. TEST INST. RGS
08/02/88	LTRC-8808-02	07 PATRICK REQ PUR AP FIRE PROOF RECORDS STORAGE SAFE RGS
08/02/88	LTRC-8808-03	06 HADALLER DRAWING MHH
08/05/88	LTRC-8808-04	06 PATRICK ILL OF CREARE TEST FAC MODULE & ANN RGS
08/05/88	LTRC-8808-05	08 MOHR CREARE TM-1261 RGS
08/05/88	LTRC-8808-06	08 QURESHI CREARE TM-1261 RGS
08/11/88	LTRC-8808-07	01 PATRICK REQ. PURCHASE APP. VOID FRAC. INST. CAL. FAC. HDWR RGS
08/11/88	LTRC-8808-08	01 PATRICK SOFTWARE DEV. IMPACT ASSESSMENT RGS
08/11/88	LTRC-8808-09	06 PATRICK COV. REQ. AUTHORIZATION FOR CREARE TO USE GSA SUPP. RGS
08/11/88	LTRC-8808-10	02 HADALLER CAL. OF MOHR VOID FRAC. INST. IN A STEAM-WTR FAC. RGS
08/12/88	LTRC-8808-11	06 PATRICK PROGRESS REPORT FOR JULY 1988 RGS
08/12/88	LTRC-8808-12	06 PATRICK REQ. FOR APP. - TEST FAC. MODULE & ANNULUS ILL. RGS
08/15/88	LTRC-8808-13	01 HADALLER HEATER TEMP. ANALYSIS MHH
08/15/88	LTRC-8808-14	01 HADALLER SMALL ANNULUS OUTER WALL INSTR. LOCATIONS MHH
08/16/88	LTRC-8808-15	08 PATRICK REQ. FOR APP. FOR ADDITIONAL COST FOR MOHR RGS
08/18/88	LTRC-8808-16	06 HADALLER REPLACEMENT FOR 8/11/88 LETTER MLP
08/19/88	LTRC-8808-17	08 QURESHI REVIEW OF MOHR VOID PROBE TESTS FXD
08/19/88	LTRC-8808-18	06 PATRICK REQ AUTHORIZATION TO USE ROSEMOUNT INC. RGS
08/22/88	LTRC-8808-19	08 PATRICK DISREGARD UNSIGNED LTR & REPLACE WITH THIS ONE MLP
08/24/88	LTRC-8808-20	09 PATRICK REQ. FOR PURCHASE APP. FOR THERMOCOUPLE PTS. RGS
08/26/88	LTRC-8808-21	09 PATRICK REQ. FOR PURC. APP. FOR SIGNAL COND. HARDWR. RGS

February 19, 1991 at 4:04 p.m.

Page 26

DATE	ID	TA TITLE
08/26/88	LTRC-8808-22	06 SAWALA HEATER EXTRUSION DIES MHH
08/29/88	LTRC-8808-23	06 PATRICK MEDICAL LEAVE RGS
08/31/88	LTRC-8808-24	09 PATRICK REQ. FOR VENDOR APP. & REQ. FOR PURCHASE APP. RGS
08/31/88	LTRC-8808-25	08 HADALLER REPORT DESCRIBING DESIGN & DEVELOP OF VOID PROBE SYS FXD
09/02/88	LTRC-8809-01	08 PATRICK REQ FOR PUR APP OF VOID FRACTION MEASURING SYS JAB
09/07/88	LTRC-8809-02	07 PATRICK STERN LAB. QUALITY ASSURANCE MANUAL SSS
09/08/88	LTRC-8809-03	01 PATRICK REQ. FOR APP. CHANGES TO HEATER FAB. CONTRACT JAB
09/08/88	LTRC-8809-04	06 MCLANE TWO COPIES OF SUBCONTRACT AX-721102 AND SUPPLEMENT 1 JAB
09/12/88	LTRC-8809-05	07 BRAUN DIRECTION TO CREARE SSS
09/12/88	LTRC-8809-06	06 PATRICK SCHEDULE PROVIDING ACTUAL COSTS CCD
09/14/88	LTRC-8809-07	06 PATRICK PROGRESS REPORT AUG. 1988 JAB
09/15/88	LTRC-8809-08	06 PATRICK QUALITY ASSURANCE AUDIT OF STERNS LABORATORIES JAB
09/19/88	LTRC-8809-09	07 HAYES CHANGED DATE OF AUDIT SSS
09/19/88	LTRC-8809-10	07 HAYES FAB. OF CREARE HEATER RODS AND ANNULUAR TEST SEC. SSS
09/21/88	LTRC-8809-11	01 HADALLER OUTER HEATER SEALS MHH
09/27/88	LTRC-8809-12	07 HAYES SUPPLIER EVALUATION REPORT SSS
09/28/88	LTRC-8809-13	04 PATRICK REQ. FOR PURCHASE APP. FOR ENG. SERVICES FROM STERN JAB
09/28/88	LTRC-8809-14	08 QURESHI RESPONSE TO SRL REQ. TO REEXAMINE THERMOCOUPLE INST. FXD
09/30/88	LTRC-8809-15	06 PATRICK TEST PLAN FOR NUCLEATE BOILING PRESS DROP IN ANN JAB
10/06/88	LTRC-8810-01	06 PATRICK DATA UNCERTAINTY ANALYSIS JAB
10/06/88	LTRC-8810-02	06 PATRICK REQ. FOR PURCHASE APP. FOR ENG. SER. FROM STERN JAB
10/10/88	LTRC-8810-03	08 QURESHI RECOMMENDATION FOR ANNULUS INNER WALL TEMP. MEAS. FXD
10/10/88	LTRC-8810-04	06 PATRICK CONTRACTORS MEETING IN LEBANON JAB
10/11/88	LTRC-8810-05	06 PATRICK PROGRESS REPORT FOR SEPT. 1988 JAB
10/14/88	LTRC-8810-06	07 PATRICK SEC 10 OF STERN'S QA ASSURANCE MANUAL, QAP-01 SSS
10/17/88	LTRC-8810-07	06 PATRICK VOID FRACTION MEASUREMENTS JAB
10/20/88	LTRC-8810-08	06 HADALLER MARK 22 FUEL AND TARGET TUBES MHH
10/27/88	LTRC-8810-09	08 BOUDILLION INFO. SENT REGARDING CONTRONICS DURASEL BHS
10/27/88	LTRC-8810-10	02 PATRICK REQUEST FOR PURCHASE APPROVAL-BLD. MOD. JAB
10/28/88	LTRC-8810-11	07 SCHLICH ULRF PROVIDE TRACEABILITY/UNCERTAINTY FXD
10/28/88	LTRC-8810-12	08 MOHR VOID FRACTION MEASUREMENTS IN BOILING FLOW HEAT TRANS. FXD
11/01/88	LTRC-8811-01	06 PATRICK REVISED VENDORS LIST JAB
11/03/88	LTRC-8811-02	03 DOWNING SCHEMATIC AND PIPING LAYOUTS FOR NUCLEATE BOIL.TEST JAM
11/03/88	LTRC-8811-03	03 CANONICA SCHEMATIC AND PIPING LAYOUTS FOR NUCLEATE BOIL TEST JAM
11/03/88	LTRC-8811-04	07 PATRICK INSPECTION OF MARK-22 TUBES SSS
11/03/88	LTRC-8811-05	01 HADALLER REVIEW OF TEST ASSEMBLY DRAWINGS MHH

DATE	ID	TA TITLE
11/04/88	LTRC-8811-06	06 PATRICK RQUEST FOR PURCHASE APPROVAL JAB
11/04/88	LTRC-8811-07	01 HADALLER LIST OF LABORATORY UTILITY CONNECTIONS MHH
11/04/88	LTRC-8811-08	01 PATRICK REQUEST FOR PURCHASE APPROVAL JAB
11/07/88	LTRC-8811-09	01 PATRICK PRELIMINARY SOFTWARE REQUIREMENTS SPECIFICATIONS JAB
11/07/88	LTRC-8811-10	06 PATRICK REQ PUR APP - MISC INSTR & DATA ACQUISITION SYS JAB
11/09/88	LTRC-8811-11	03 PATRICK FINAL TESTPLAN FOR NUCLEATE BOIL. PRESS. DROP IN ANN. JAB
11/10/88	LTRC-8811-12	06 PATRICK 10/88 PROGRESS REPORT, NUCLEATE BOIL. PRESS. ANN. JAB
11/14/88	LTRC-8811-13	06 MCLANE TRANSMITTAL OF PROPOSAL P-1305 REVISION C DLK
11/23/88	LTRC-8811-14	08 QURESHI WATER QUALITY FOR NUCLEATE BOIL. PRESS.DROP TESTS FXD
11/28/88	LTRC-8811-15	01 HADALLER PROCURE AND INSTALL THERMAL INSTALLATION MHH
11/29/88	LTRC-8811-16	06 NASH DEVELOP. FO CAPACITANCE PROBE FOR VOID FRAC. MEASURE. FXD
12/01/88	LTRC-8812-01	08 BOUDILLION REVISED DESIGN DRWS. FOR WALL & FLUID TEMP. PROBES BHS
12/01/88	LTRC-8812-02	08 HARDY DESIGN DRWS. FOR FLUID & WALL TEMP. PROBES BHS
12/07/88	LTRC-8812-03	05 QURESHI THOUGHTS ON EFFECT DISSOLVED HELIUM ONB BEHAVOIR CJC
12/09/88	LTRC-8812-04	03 PATRICK TEST PLAN FOR SURFACE BOILING CHARACTER. STUDIES JAB
12/09/88	LTRC-8812-05	02 PATRICK 11-88 PROGRESS REPORT/ CONTRACT NO. AX-721102 JAB
12/09/88	LTRC-8812-06	06 PATRICK CONTRACTUAL ISSUES JAB
12/13/88	LTRC-8812-07	02 QURESHI REQUEST FOR CREARE TO MAINTAIN COOLANT PH FXD
12/16/88	LTRC-8812-08	01 PATRICK REQ PUR APP HWARE&SWARE FOR FINITE ELE ANA OF PWR TIL JAB
12/20/88	LTRC-8812-09	02 PATRICK REQUEST FOR PURCHASE APPROVAL JAB
12/20/88	LTRC-8812-10	09 BOISVERT REQ INFORMATION FOR FABRICATION OF WELDMENTS RIS
12/21/88	LTRC-8812-11	09 HADALLER ADD. DETAIL CON. INST. OF TEST INSTRUMENTATION FXD
12/22/88	LTRC-8812-12	09 HADALLER DETAIL CONCERNING INSTALLATION OF TEST INSTR FXD
12/28/88	LTRC-8812-13	02 HADALLER CREARE PO "INSTALLATION OF ANNULAR TEST SECTION LOOP DLK
01/03/89	LTRC-8901-01	07 PATRICK RESPONSE TO QA AUDITS SSS
01/04/89	LTRC-8901-02	04 HADALLER EST INNER HEATER SHEATH TEMP IN REGION OF ELECTRODE FXD
01/05/89	LTRC-8901-03	01 HADALLER RESPONSE TO ACTION ITEMS MHH
01/05/89	LTRC-8901-04	06 PATRICK REQ PUR APP MISC MAT'L&SVC FOR INSTR&DATA ACQU SYS JAB
01/06/89	LTRC-8901-05	07 HAYES VER. OF CREARE HEATER RODS AND ANNULAR TEST SECTIONS SSS
01/11/89	LTRC-8901-06	01 PATRICK REQUEST FOR PURCHASE APPROVAL JAB
01/12/89	LTRC-8901-07	01 PATRICK DECEMBER,1988 PROGRESS REPORT JAB
01/17/89	LTRC-8901-08	02 QURESHI FOL UP H2O QUALITY, PH CON. NUCLEATE BOIL. DROP TEST FXD
01/17/89	LTRC-8901-09	09 BOISVERT REQ FOR WELDER/WELDING CERTIFICATION RIS
01/20/89	LTRC-8901-10	02 HADALLER RISERS MHH
01/25/89	LTRC-8901-11	03 PATRICK PUR OF HEATERS FOR SUR BOIL CHAR TEST JAB
01/26/89	LTRC-8901-12	03 PATRICK PURCHASE OF HEATER SURFACE BOIL CHARACTER. TEST JAB

February 19, 1991 at 4:04 p.m.

Page 28

DATE	ID	TA	TITLE
01/26/89	LTRC-8901-13	08	BOUDILLION 21 WALL TEMP PROBES W/21 OMEGA CONNNECTOR & CLAMPS BHS
01/27/89	LTRC-8901-14	09	HARDY OVERALL EVALUATION OF THERMOCOUPLE CALIBRATION FXD
01/27/89	LTRC-8901-15	06	MCLANE YOUR LETTER OF JANUARY 23,1989 JAB
01/27/89	LTRC-8901-16	05	JOHNSTON REVIEW OF MTG. HELD IN HAN. IN OCT. CJC
01/31/89	LTRC-8901-17	06	MCLANE YOUR LETTER OF JANUARY 27TH AND REVISION NO.3 JAB
02/03/89	LTRC-8902-01	09	CHAMBERS PROVIDE QUOT. TO CAL. APPROX. 60 THERMOCOUPLES SSS
02/03/89	LTRC-8902-02	09	STARRY PROVIDE QUOTES TO CAL. APPROX. 60 THERMOCOUPLES SSS
02/03/89	LTRC-8902-03	11	HADALLER ALUM. ALLOY TUBES TO BE USED FOR PROTO. HEATER ASSY RGS
02/03/89	LTRC-8902-04	09	SCHLICH PROVIDE QUOTATION TO CAL 60 THERMOCOUPLE PROBES SSS
02/07/89	LTRC-8902-05	01	MCLANE CLARIFICATION OF COST PROPOSAL P-1305 REV.C JAB
02/07/89	LTRC-8902-06	09	PATRICK REQ PUR APP MAT'LS & SVCS FOR TEST FAC INSTR JAB
02/08/89	LTRC-8902-07	01	PATRICK REQUEST FOR PURCHASE APPROVAL JAB
02/08/89	LTRC-8902-08	06	PATRICK JANUARY 1989 PROGRESS REPORT JAB
02/09/89	LTRC-8902-09	06	QURESHI SUGGESTED MODIFICATION TO SCOPE OF WORK JAB
02/15/89	LTRC-8902-10	09	QURESHI SUGGESTED MODIFICATIONS TO SCOPE OF WORK SSS
02/15/89	LTRC-8902-11	09	PATRICK SOFTWARE REQUIREMENTS SPEC. CJC
02/15/89	LTRC-8902-12	01	EAGEN MARLIN QUOTATION NO.5240 SSS
02/15/89	LTRC-8902-13	06	MCLANE COST ESTIMATE FOR SCOPE OF WORK REVISION NO.3 JAB
02/22/89	LTRC-8902-14	02	PATRICK YOUR REQ. OF FEB. 9,1989 REGARDING LABOR CAT. NAMES JAB
02/23/89	LTRC-8902-15	06	MCLANE SUBCONTRACT NO. AX-721102 DLK
02/13/89	LTRC-8902-16	03	PATRICK GETTING PAID JAB
02/24/89	LTRC-8902-17	05	JOHNSTON BUGS IN ANNULUS PROGRAM JJB
02/02/89	LTRC-8902-18	06	QURESHI BALLPARK COST EST. FOR AXIAL POWER DISTRI. TESTS JAB
03/01/89	LTRC-8903-01	01	PATRICK REQUEST FOR PURCHASE APPROVAL JAB
03/06/89	LTRC-8903-02	11	PATRICK REQ. FOR PUR. APPROV. OF SURF BOIL. CHAR. TEST HRDWRE JAB
03/06/89	LTRC-8903-03	06	PATRICK COLUMBIA TOUR-COMPARE ANNULUS WITH COLUMBIA DATA JAB
03/07/89	LTRC-8903-04	01	MCFARLAND .MOD FILES SET UP THE MODSTAR AND MICROTAP PROBLEMS EPC
03/08/89	LTRC-8903-05	06	PATRICK FEBRUARY,89 PROGRESS REPORT JAB
03/09/89	LTRC-8903-06	06	PATRICK A DEPARTURE LETTER TO MR. L.W. JAB
03/16/89	LTRC-8903-07	06	PATRICK COST REPORTING JAB
03/16/89	LTRC-8903-08	06	PAGETT COST ACCRUALS JAB
03/22/89	LTRC-8903-09	06	QURESHI CREARE QUALIFICATIONS FOR SYSTEM ANALYSIS JAB
03/27/89	LTRC-8903-10	06	MCLANE CONTRACT AX JAB
03/28/89	LTRC-8903-11	07	PATRICK CLOSURE OF STERN QUALITY ASSURANCE AUDIT SSS
03/28/89	LTRC-8903-12	06	MCLANE OUR PROPOSALS P JAB
03/28/89	LTRC-8903-13	01	MCLANE COST EST. FOR SCOPE OF WORK REVISION NO.4 P-1305E JAB

February 19, 1991 at 4:04 p.m.

Page 29

DATE	ID	TA TITLE
04/10/89	LTRC-8904-01	11 PAGETT REQ FOR PURCHASE APPROVAL OF SURFACE BOIL CHAR. TEST JAB
04/06/89	LTRC-8904-02	06 PAGETT MARCH, 89 PROGRESS REPORT JAB
04/12/89	LTRC-8904-03	01 PAGETT REQUEST FOR PURCHASE APPROVAL JAB
04/18/89	LTRC-8904-04	02 QURESHI NUCLEATE BOILING PRESSURE DROP IN ANNULUS FXD
04/19/89	LTRC-8904-05	12 SHOTKIN USE OF RELAP5 JJB
04/19/89	LTRC-8904-06	12 SPITZ USE OF RELAP5 JJB
04/20/89	LTRC-8904-07	07 HAYES UNSURE OF NOTIFICATION OF CLOSE OUT FOR AUDIT SSS
04/21/89	LTRC-8904-08	01 PAGETT VISITOR INFORMATION FXD
04/24/89	LTRC-8904-09	02 QURESHI REQ FOR ASSIST.IN LOCATING DEF. DATA ON SOLUBILITY FXD
04/24/89	LTRC-8904-10	09 SCHLICH REVIEWING RESULTS OF THERMOCOUPLE PROBE CALIBRATIONS FXD
04/28/89	LTRC-8904-12	03 PAGETT COPIES OF PRELIMINARY DRAFT OF REPORT JAB
05/02/89	LTRC-8905-01	06 REEVES AUTHORIZATION FOR TWO NEW TASKS SUBCONTRACT AX-721102 JAB
05/03/89	LTRC-8905-02	12 REDDY RELAP5 INPUT JJB
05/09/89	LTRC-8905-03	01 QURESHI LARGE ANNULUS OUTER WALL EXTRUSION ORDER WITH ALCAN MHH
05/09/89	LTRC-8905-04	12 PAGETT SUBCONTRACT AX-721102 JAB
05/11/89	LTRC-8905-05	12 PAGETT REQ APP TO SUBMIT POS TO ACCESS TO INEL'S COMPUTERS JAB
05/12/89	LTRC-8905-06	11 REQUEST FOR PURCHASE APPROVAL OF SURFACE BOIL CHAR TEST FAC. JAB
05/15/89	LTRC-8905-07	06 PAGETT APRIL INVOICE JAB
05/15/89	LTRC-8905-08	01 PAGETT REQUEST FOR PURCHASE APPROVAL JAB
05/16/89	LTRC-8905-09	06 REAMES REQUEST FOR UPDATE ON MODIFICATIONS TO AX-721102 JAB
05/16/89	LTRC-8905-10	02 PAGETT APRIL, 1989 PROGRESS REPORT JAB
05/17/89	LTRC-8905-11	02 AYERS SOLUBILITY OF HELIUM IN WATER FXD
05/17/89	LTRC-8905-12	02 QURESHI DISCREPANCY IN HELIUM SOLUBILITY FXD
05/17/89	LTRC-8905-13	04 HADALLER REVISED PAN FOR SAFETY FEATURES TO PROTECT TEST SEC FXD
05/18/89	LTRC-8905-14	02 PAGETT REQ PUR APP MISC. MAT'LS & SVCS FOR TEST FAC JAB
05/23/89	LTRC-8905-15	02 SAWALA TEST FIXT. INSTR. TAP LOCATIONS MHH
05/23/89	LTRC-8905-16	09 HADALLER PURCHASE AUTHORIZATION REQUEST OF MAY 19,1989 RAH
05/22/89	LTRC-8905-17	09 SAWALA ADDITIONAL BOLTS HOLDING CHANNEL TO MILLING MACHINE NW
05/23/89	LTRC-8905-18	09 HADALLER ALCAN EXTRUSIONS MHH
05/24/89	LTRC-8905-19	09 PAGETT LONG LEAD ITEMS FOR RIBBED TEST ANNULUS JAB
05/26/89	LTRC-8905-20	07 PAGETT SUBCONTRACT AX-721102; CREARE PROJECT 7022 SSS
05/31/89	LTRC-8905-21	06 PAGETT REQUEST FOR PURCHASE APPROVAL-SUBCONTRACT W/STERN LABS JAB
06/01/89	LTRC-8906-01	04 HADALLER PO 10522-7022.4 FOR INSTALLATION OF ANNULAR TEST JAB
06/01/89	LTRC-8906-02	06 PAGETT REQ PUR APP - SUBCON WITH STERN LABS FOR SVCS JAB
06/05/89	LTRC-8906-03	06 REAMES FUNDING AND CONTR. ISSUES, SUBCONTRACT AX-721102 JAB
06/08/89	LTRC-8906-04	02 SAWALA STERN LABS MHH

February 19, 1991 at 4:04 p.m.

Page 30

DATE	ID	TA TITLE
06/13/89	LTRC-8906-05	02 PAGETT MAY, 1989 PROGRESS REPORT JAB
06/13/89	LTRC-8906-06	03 PAGETT REVISED SOFTWARE REQUIREMENTS SPECIFICATION CJC
06/19/89	LTRC-8906-07	06 REAMES REQUEST FOR STATUS UPDATE JAB
06/21/89	LTRC-8906-08	07 KIDD WOULD LIKE REPRINT OF PAPER SSS
06/23/89	LTRC-8906-09	02 HADALLER FLUID CONNECTIONS FXD
06/28/89	LTRC-8906-10	06 REAMES CONTRACT#AX-721102 NUC. BOILING PRESS. DROP IN ANNULI JAB
06/28/89	LTRC-8906-11	06 HADALLER RECOMMENDATION FOR CONNECTING SPECIFIC HEATERS FXD
06/29/89	LTRC-8906-12	12 REDDY SUCCESSFULLY RUN RELAP5 INPUT DECK JJB
06/29/89	LTRC-8906-13	06 REAMES YOUR LETTER OF JUNE 27, 1989 JAB
07/03/89	LTRC-8907-01	06 PAGETT REG. FOR PURCH. APP.-MISC. MAT. FOR TEST FAC. CONT. JAB
07/06/89	LTRC-8907-02	09 PAGETT REQ FOR PUR APP INSTRUMENTATION HARDWARE JAB
07/06/89	LTRC-8907-03	11 PAGETT REQ FOR PUR APP OF SURFACE BOIL CHAR TEST FAC HRDWR JAB
07/12/89	LTRC-8907-04	02 PAGETT JUNE, 1989 PROGRESS REPORT JAB
07/12/89	LTRC-8907-05	06 HADALLER DRAWING MHH
07/13/89	LTRC-8907-06	09 DODD SLS5450-01 BASE SYSTEM MCL
07/14/89	LTRC-8907-07	02 HADALLER FLEXIBLE METAL HOSE MHH
07/17/89	LTRC-8907-08	07 WATERS CALIBRATION IDENTIFICATION NUMBERS SSS
07/18/89	LTRC-8907-09	02 HADALLER ADAMS TYPE AR HEAT EXCHANGER MHH
07/18/89	LTRC-8907-10	12 REDDY REVIEW OF MTG AT COLUMBIA 7/12/89 JJB
07/19/89	LTRC-8907-11	09 RANDING CREARE PO#12031-70229, JULY 7, 1989 FXD
07/20/89	LTRC-8907-12	07 REAMES TRANSMITTAL OF PROPOSAL P-1305F JAB
07/21/89	LTRC-8907-13	09 HADALLER PROC. FOR CAL. OF DC P/S POTENTIAL & CUR. MEAS. DEV. FXD
07/23/89	LTRC-8907-14	06 MILLER MARCH 1990 MEMO DESCRIBES PRELIMINARY ANALYSIS CJC
07/24/89	LTRC-8907-15	06 REAMES LIST OF AGREEMENTS JAB
07/24/89	LTRC-8907-16	06 HADALLER VISITORS/TOURS TO RESEARCH FACILITY JAB
07/25/89	LTRC-8907-17	06 REAMES TRANSMITTAL OF P-1305G SUP. AX-721102 JAB
07/31/89	LTRC-8907-18	09 HAMILTON PROC. FOR CAL. OF DC POWER MEASURING INSTR. FXD
08/02/89	LTRC-8908-01	09 HADALLER ANTICIPATED SCHEDULE FOR SHAKEDOWN AND TESTING FXD
08/03/89	LTRC-8908-02	09 HADALLER PURCH. SPARE PARTS FOR ROSEMOUNT PRES. TRANS. FXD
08/04/89	LTRC-8908-03	09 PAGETT REQ. FOR PURCH. APP. OF INSTR. HRDWRE: SUBC. AX-721102 JAB
08/07/89	LTRC-8908-04	11 PAGETT REQ. PURCH. APP. SURFACE BOILING CHARAC. T FAC HRDWRE JAB
08/07/89	LTRC-8908-05	01 PAGETT REQ. PURCH. APP.-MISC. MAT. FOR T FAC. CONSTRUCTION JAB
08/07/89	LTRC-8908-06	04 PAGETT REQ. PURCH. APP. FOR FAC. COMM & T SERVICES JAB
08/08/89	LTRC-8908-07	06 HADALLER RELIEF VALVE SUMMARY MHH
08/08/89	LTRC-8908-08	09 PAGETT REQ PUR APP OF INSTRUMENTATION HARDWARE JAB
08/10/89	LTRC-8908-09	06 QURESHI HEAT FLUX LIMIT FOR POWER TILT TESTS JAB

February 19, 1991 at 4:04 p.m.

Page 31

DATE	ID	TA	TITLE
08/10/89	LTRC-8908-10	06	PAGETT 07/89 PROGRESS REPORT JAB
08/10/89	LTRC-8908-11	06	REAMES WESTINGHOUSE NOT ABLE TO HONOR COMMITMENTS JAB
08/11/89	LTRC-8908-12	09	PAGETT CLARIFICATION PURCH APP REQ 8/7 FOR T SERVICES JAB
08/11/89	LTRC-8908-13	03	PAGETT TRANSMITTAL OF TEST PLAN FOR POWER TILT TESTS JAB
08/14/89	LTRC-8908-14	06	REAMES WEIGHTED GUIDELINES FOR P-1305F JAB
08/14/89	LTRC-8908-15	06	HADALLER CREATE PO INSTALLATION OF ANNULAR TEST SECTION LOOP DLK
08/16/89	LTRC-8908-16	07	MCLEAN NORMAN WILLIAMS TICKET DEM
08/17/89	LTRC-8908-17	07	REAMES WSRC AX-721102 REF: YOUR LETTER OF AUG., 16, 89 JAB
08/18/89	LTRC-8908-18	12	MCASSEY DOC. CUR. STATUS OF MODL. OF SINGLE TUBE-ANNULUS FAC JJB
08/21/89	LTRC-8908-19	07	REAMES EXT. TO LTR SUBCONTRACT & DOC. DISCUSSION 8/17 JAB
08/22/89	LTRC-8908-20	06	SAWALA TEST SECTIO ANNULUS GAP WIDTH FXD
08/14/89	LTRC-8908-20	07	REAMES WEIGHTED GUIDELINES FOR P-1305F JAB
08/28/90	LTRC-8908-21	02	QURESHI ANN GAP WITH VARIATIONS *CORRECTED* FXD
08/31/89	LTRC-8908-22	06	REAMES FINAL BEST FEE OFFER JAB
09/06/89	LTRC-8909-01	12	MCASSEY UPDATE & DOC. BOUNDARY CONDITIONS USED IN TRANS. TEST JAB
09/06/89	LTRC-8909-02	06	HADALLER CREATE PO INSTAL OF ANN TEST SECTIO LOOP DLK
09/07/89	LTRC-8909-03	09	PAGETT REQ PUR APP OF INSTRUMENTATION HARDWARE JJB
09/08/89	LTRC-8909-04	11	PAGETT REQ. PO APPRV. OF SUR. BOILING CHARC. TEST FAC. HRDWRE JAB
09/09/89	LTRC-8909-05	09	PAGETT REQ. PO APPRV. OF INSTRUMENTATION HARDWARE JAB
09/11/89	LTRC-8909-06	06	PAGETT YEAR END REPORT JAB
09/08/89	LTRC-8909-07	07	PAGETT AUG89 PROG. REP. NUCLEATE BOILING PRES. DROP IN ANNULI JAB
09/14/89	LTRC-8909-08	04	HADALLER CREATE PURCHASE ORDER 10522-7022.4 DLK
09/14/89	LTRC-8909-09	02	QURESHI INTER REP ON RESULTS OF THE INVES TO REDUC GAP VARI. FXD
09/14/89	LTRC-8909-10	09	PAGETT REQ. FOR PUR. APPR. OF TEMP. PROBES JAB
10/09/89	LTRC-8910-01	06	PAGETT SEPTEMBER 1989 PROGRESS REPORT JAB
10/10/89	LTRC-8910-02	11	PAGETT REQ PUR APP OF SURFACE BOILING CHAR TEST FAC HRDWRE JAB
10/10/89	LTRC-8910-03	06	QURESHI COPIES OF DRAWINGS & INTERNAL MEMORANDA FXD
10/12/89	LTRC-8910-04	06	PAGETT REQ PUR APP OF TEST FACILITY HARDWARE JAB
10/12/89	LTRC-8910-05	06	PAGETT REQ FOR PUR APP OF INSTRUMENTATION HARDWARE JAB
10/18/89	LTRC-8910-06	12	REDDY PROV COPIES OF SOURCE CODE LISTINGS RELAP5 SUBROUTINES JJB
10/30/90	LTRC-8910-07	06	HADALLER "RE-MELT" OF SOLDER IN ASSEMBLIES FXD
11/08/89	LTRC-8911-01	06	PAGETT OCTOBER 1989 PROGRESS REPORT JAB
11/14/89	LTRC-8911-02	06	REAMES ARTICLE G.16 OF GENERAL PROVISIONS WSRC JAB
11/14/89	LTRC-8911-03	06	REAMES WSRC AX-721102 SUPPLEMENT NO.4 JAB
12/01/89	LTRC-8912-01	02	PAGETT RQST FOR PURCH APPROVAL OF TEST FAC HARDWARE JAB
12/01/89	LTRC-8912-02	11	PAGETT RQST FOR PURCH APPROVAL OF ANALYSIS MATL & SVCS JAB

DATE	ID	TA TITLE
12/01/89	LTRC-8912-03	09 PAGETT ROST FOR PURCH APPROVAL OF INSTRUMENTATION HARDWARE JAB
12/08/89	LTRC-8912-04	06 PAGETT NOVEMBER 1989 PROGRESS REPORT JAB
12/11/89	LTRC-8912-05	06 QURESHI INFORMATION REQUESTED CONCERNING DAMAGED TEST SECTION FXD
12/12/89	LTRC-8912-06	12 MACIUCA FINAL UPDAT. ON TEST CONDITIONS FOR TRANSIENT TESTS JJB
12/12/89	LTRC-8912-07	04 HADALLER CHANGES IN THE TEST FACILITY FXD
12/14/89	LTRC-8912-08	04 QURESHI STRAIGHTEN BEND IN OUTER WALL OF THE ANN. TEST SEC. FXD
12/20/89	LTRC-8912-09	04 HADALLER RESTATES REQUESTS MADE IN REPAIRS AND INSTALLATION FXD
01/04/90	LTRC-9001-01	04 HADALLER ESTIMATED THE INNER HEATER SHEATH TEMPERATURES FXD
01/09/90	LTRC-9001-02	04 HADALLER ACT. TO BE COMPLETED PRIOR TO RE-START OF TESTING FXD
01/16/90	LTRC-9001-03	04 QURESHI RPT ON TRIP TO STERN LABS TO INSPECT PROGRESS FXD
01/16/90	LTRC-9001-04	06 PAGETT DECEMBER 1989 PROGRESS REPORT JAB
01/19/90	LTRC-9001-05	06 HADALLER ROD ENDS SUGGESTED FOR TEST SECTION MHH
01/25/90	LTRC-9001-06	07 QURESHI REFERENCES ON SIGNAL CONNECTIONS IN DATA SYSTEMS FXD
02/12/90	LTRC-9002-01	07 PAGETT JANUARY '90 PROGRESS REPORT PROJECT 7022 JAB
02/16/90	LTRC-9002-02	04 QURESHI TRIP REPORT IM-90-2-142 FXD
02/27/90	LTRC-9002-03	06 QURESHI RE-START OF TESTING JAB
02/27/90	LTRC-9002-04	04 HADALLER REVISED INSTRUMENTATION HOLE MACHINING DRAWING FXD
02/28/90	LTRC-9002-05	04 HADALLER DETAILED INSPECTION OF INNER & OUTER DIA. OF ANNULUS FXD
03/01/90	LTRC-9003-01	06 QURESHI UPDATE ON THE REBUILD WORK AT STERN IM-90-2-178 FXD
03/05/90	LTRC-9003-02	04 HADALLER COST EST AND SCHEDULE IMPACT TO MOD LOOP FLOW PIPING FXD
03/09/90	LTRC-9003-03	06 QURESHI PROGRESS UPDATE FXD
03/09/90	LTRC-9003-04	06 QURESHI PROGRESS UPDATE EFFECTIVE 3/7/90 FXD
03/12/90	LTRC-9003-05	06 HADALLER SPEC. COMPLETE REBUILD AND ASSY OF ANNULUS TEST FAC FXD
03/12/90	LTRC-9003-06	06 PAGETT FEBRUARY 1990 PROGRESS REPORT JAB
03/14/90	LTRC-9003-07	06 QURESHI RECOM. CUTTING ACT TO BE CONSISTENT WITH AVAIL FUND JAB
03/30/90	LTRC-9003-08	04 QURESHI MEMO IM-90-03-302 FXD
04/02/90	LTRC-9004-01	02 HADALLER MEMO IM-90-03-302 FXD
04/04/90	LTRC-9004-02	07 BARBOUR INFORMATION ON CREATE TESTS CJC
04/11/90	LTRC-9004-03	04 QURESHI TRANSMITTAL OF DATA FILES FROM HEATED WALL ANN TESTS FXD
04/12/90	LTRC-9004-04	07 PAGETT MARCH, 90 PROG REPORT, NUCLEATE BOILING PRES IN ANN JAB
04/24/90	LTRC-9004-05	07 PAGETT QUALITY ASSURANCE WORKSCOPE CHANGES SSS
05/02/90	LTRC-9005-01	04 PAGETT QUALITY ASSURANCE WORKSCOPE CHANGES SSS
05/02/90	LTRC-9005-02	12 QURESHI ENCLOSED REPORT SUMMARIZES ANALYSIS ACTIVITIES JJB
05/10/90	LTRC-9005-03	07 PAGETT APR 1990 PROG RPT:NUCLEATE BOILING PRES DROP IN ANNULI JAB
05/17/90	LTRC-9005-04	04 QURESHI MEMOS DESCRIBE CONDITION OF DAMAGED INNER HEATER ASSY FXD
05/21/90	LTRC-9005-05	06 QURESHI & PAGETT SETBACK IN THE INNER WALL ASSY FXD

February 19, 1991 at 4:04 p.m.

Page 33

DATE	ID	TA TITLE
05/29/90	LTRC-9005-06	06 QURESHI INSPECTION REPORT IR-036 FXD
06/06/90	LTRC-9006-01	04 HADALLER GUARD HEATER TOP OF SOLDER POOL IN INNER WALL ASSY FXD
06/13/90	LTRC-9006-02	06 MILLER FORTRAN PROGRAM CJC
06/13/90	LTRC-9006-03	07 PAGETT MAY 1990 PROGRESS REPORT JAB
06/19/90	LTRC-9006-04	06 HADALLER SUGGESTED HEATER INSTALLATION MHM
07/11/90	LTRC-9007-01	07 PAGETT JUNE 1990 PROGRESS REPORT JAB
07/23/90	LTRC-9007-02	06 MILLER MARCH 1990 CREARE MEMORANDUM CJC
08/28/90	LTRC-9008-01	06 PAGETT PROJECT CLOSE OUT JAB
08/07/90	LTRC-9008-01	04 HADALLER PLANS FOR TESTING NEXT WEEK FXD
08/10/90	LTRC-9008-02	06 PAGETT JULY 1990 PROGRESS REPORT JAB
09/11/90	LTRC-9009-01	06 PAGETT AUGUST 1990 PROGRESS REPORT JAB
09/12/90	LTRC-9009-02	06 MUHLBAIER SUM OF RESULTS FROM CREARE FLOW BOIL EXP IN ANN GEO CJC
09/13/90	LTRC-9009-03	06 PAGETT REVISED TABLE 1 FOR AUGUST 1990 PROGRESS REPORT LC
10/05/90	LTRC-9010-01	06 PAGETT PROGRESS REPORT SEPTEMBER 1990 JAB
11/05/90	LTRC-9011-01	06 PAGETT COST ESTIMATES TO INSPECT ANNULUS TEST SECTION FXD
11/05/90	LTRC-9011-02	06 QURESHI TRANSMITTAL OF DATA FILES FROM ANN TESTING PROGRAM FXD
11/06/90	LTRC-9011-03	06 PAGETT PROGRESS REPORT OCTOBER 1990 JAB
12/11/90	LTRC-9012-01	06 PAGETT PROGRESS REPORT NOVEMBER 1990 JAB
12/14/90	LTRC-9012-02	06 QURESHI INSPECTION DATA FOR SECOND RIBBED WALL ANNULUS FXD
01/08/91	LTRC-9101-01	06 PAGETT DECEMBER 1990 PROGRESS REPORT JAB
02/07/91	LTRC-9102-01	06 PAGETT JANUARY 1991 PROGRESS REPORT JAB
06/20/67	LTRD-6706-01	06 BACKGROUND REPORT - JOHNSTON
10/08/73	LTRD-7310-01	06 BACKGROUND REPORT - JOHNSTON
12/31/75	LTRD-7512-01	06 BACKGROUND REPORT - JOHNSTON
11/16/77	LTRD-7711-01	06 BACKGROUND REPORT - JOHNSTON
05/11/87	LTRD-8705-01	06 BACKGROUND REPORT - JOHNSTON
08/03/87	LTRD-8707-01	06 REQUEST FOR QUOTATION GARRETT
09/21/87	LTRD-8709-01	01 RGS SCHEMATIC OF REACTOR JOHNSTON
09/28/87	LTRD-8709-02	06 CJC SHIPPING ORDER WAY
10/11/87	LTRD-8710-01	07 JAB ECS PROGRAM STRUCTURE BUCKNER
10/30/87	LTRD-8710-02	06 RGS REQUEST FOR PROPOSAL JOHNSTON
11/06/87	LTRD-8711-01	06 RGS LETTER SUBCONTRACTS SENT FOR SIGNATURE GARRETT
11/10/87	LTRD-8711-02	06 EXCURSIVE FLOW INSTABILITY IN SRP REACTOR ASSEMBLIES JOHNSTON
12/07/87	LTRD-8712-01	07 SSS SOFTWARE QA INFO. ROSS
00/00/00	LTRD-8801-01	06 REVISED PROP FROM CREARE INC.
02/02/88	LTRD-8802-01	06 JAB CONTRACT APPROVAL TO HIRE DEAN W. OSGOOD ROSS

February 19, 1991 at 4:04 p.m.

Page 34

DATE	ID	TA	TITLE
02/17/88	LTRD-8802-02	07 SSS	QA PLAN & PROC. ROSS
02/26/88	LTRD-8802-03	06 SSS	COMPANY TO EVALUATED ON MARCH 23, 1988 JONES JR.
04/14/88	LTRD-8804-01	06 RAH	LEASE APPROVAL BOILING PRESSURE DROP EXP. PROGRAM ROSS
04/20/88	LTRD-8804-02	07 SSS	QA PLAN & PROC. ROSS
06/15/88	LTRD-8806-01	06 RGS	NEW CONTRACT COORDINATOR ROSS
06/16/88	LTRD-8806-02	06 SSS	EVALUATION OF YOUR QUALITY ASSURANCE ADMIN CONTROLS BARGELOH
06/17/88	LTRD-8806-03	06 RGS	DRAFT TEST PLAN ROSS
06/24/88	LTRD-8806-04	06 RGS	APP TO SUBCONTRACT STERN LABORATORIES, INC. PATRICK
07/05/88	LTRD-8807-01	06 RGS	APP TO PUR R&D SVC FROM MOHR&ASSOC.&RENT COMP EQUIP PATRICK
07/08/88	LTRD-8807-02	06 RGS	DISCUSSION TOPICS FOR STERN LABORATORY VISIT PATRICK
07/08/88	LTRD-8807-03	06 RGS	ANNULUS INSTRUMENTATION PATRICK
07/11/88	LTRD-8807-04	06 RGS	APP TO PUR TEST FACILITY HARDWARE PATRICK
07/18/88	LTRD-8807-05	06 RGS	APP TO PUR ANNULUS INLET HARDWARE PATRICK
07/18/88	LTRD-8807-06	06 JAB	DEFINITIZATION OF SUBCONTRACT AX-721102 PATRICK
07/27/88	LTRD-8807-07	06 RGS	MARK 22 FUEL TUBES AND OUTER TARGET TUBE DRAWINGS QURESHI
08/05/88	LTRD-8808-01	06 RGS	GSA SUPPLY SOURCES FOR EQUIPMENT PURCHASES PATRICK
08/08/88	LTRD-8808-02	06 RGS	PUR APP-FIRE PROOF RECORDS STORAGE SAFE PATRICK
08/08/88	LTRD-8808-03	06 RGS	PUR APP-TEST INSTRUMENTATION PATRICK
08/08/88	LTRD-8808-04	06 RGS	PUR APP-DATA ACQUISITION SYSTEM PATRICK
08/15/88	LTRD-8808-05	06 RGS	APP-TEST FACILITY MODULUS AND ANNULUS ILLUSTRATIONS PATRICK
08/18/88	LTRD-8808-06	06 RGS	COST ACCRUALS FOR END FISCAL YEAR 1988 PATRICK
08/21/88	LTRD-8808-07	06 RGS	APPROVED LIST OF VENDORS PATRICK
08/22/88	LTRD-8808-08	01 RGS	MAT. FOR THE HEATER ASSEMBLY EXT. QURESHI
08/29/88	LTRD-8808-09	06 RGS	APP FOR PUR OF VOID FRACTION INSTR CALIBRATION HWARE PATRICK
08/29/88	LTRD-8808-10	06 RGS	APP FOR ADDITIONAL COSTS FOR MOHR & ASSOC. R&D SVC PATRICK
08/29/88	LTRD-8808-11	06 RGS	APP FOR PUR OF SIGNAL CONDITIONING HARDWARE PATRICK
09/01/88	LTRD-8809-01	06 JAB	APP TO PUR THERMOCOUPLE PARTS AND MATERIALS PATRICK
09/06/88	LTRD-8809-02	06 JAB	APP TO SUBCONTRACT W/RLB FOR PCB DESIGN SERVICES PATRICK
09/14/88	LTRD-8809-03	06 JAB	AUTHORIZATION TO UTILIZE GSA SUPPLY SOURCES MCLANE
09/21/88	LTRD-8809-04	06 JAB	APP CHANGES TO HEATER FAB CONTRACT W/STERN LABS PATRICK
09/23/88	LTRD-8809-05	07 SSS	QA AUDITS BY SRL PATRICK
09/27/88	LTRD-8809-06	06 JAB	CONTRACTS MTG. OCT 4-5, 1988 PATRICK
10/07/88	LTRD-8810-01	06 JAB	APP OF REQ FOR PUR APP FOR ENG SVCS FROM STERN LAB PATRICK
10/10/88	LTRD-8810-02	06 JAB	VOID FRACTION MEASUREMENTS QURESHI
10/11/88	LTRD-8810-03	06 FXD	ANNULUS INNER WALL TEMPERATURE MEASUREMENTS QURESHI
10/11/88	LTRD-8810-04	06 JAB	MARK 22 FUEL AND TARGET TUBES QURESHI

DATE	ID	TA	TITLE
00/00/00	LTRD-8810-05	06 JAB	QA AUDIT OF STERN PATRICK
10/12/88	LTRD-8810-06	06 JAB	APP TO USE GRAHAM WALLIS AS CONSULTANT PATRICK
10/13/88	LTRD-8810-07	06 JAB	VOID FRACTION MEASUREMENTS IN HEATED WALL ANNULUS PATRICK
11/09/88	LTRD-8811-01	06 JAB	APP FOR BUILDING MODIFICATIONS PATRICK
11/09/88	LTRD-8811-02	06 JAB	APP FOR PUR-MISC. INSTR & DATA ACQUISITION SYS PATRICK
11/10/88	LTRD-8811-03	06 JAB	SRL APPOINTED D.R. MUHLBAIER AS RESEARCH SUPERVISOR PATRICK
11/15/88	LTRD-8811-04	06 JAB	PUR APP-MISC. MAT'LS & SVC FOR TEST FAC CONSTRUCTION PATRICK
11/23/88	LTRD-8811-05	06 HADALLER	SHIPMENT OF "DUMMY" INNER FUEL TUBES QURESHI
11/28/88	LTRD-8811-06	06 SSS	RESPONSE TO QA AUDITS PATRICK
12/22/88	LTRD-8812-01	06 JAB	PUR APP-HWARE&SWARE FOR FINIT ELE ANA OF POWER TILT PATRICK
12/29/88	LTRD-8812-02	06 JAB	PUR APP-MISC. MAT'LS FOR TEST FACILITY CONSTRUCTION PATRICK
01/11/89	LTRD-8901-01	06 JAB	MISC. MAT'L & SVC FOR INSTRU & DATA ACQUISITION SYS PATRICK
01/18/89	LTRD-8901-02	06 JAB	MISC. MAT'LS FOR TEST FACILITY CONSTRUCTION PATRICK
01/20/89	LTRD-8901-03	06 SSS	CLOSURE OF QA AUDIT PATRICK
01/23/89	LTRD-8901-04	06 JAB	CLARIFICATION OF COSTS IN CREARE PROPOSAL P-1305C MCLANE
01/27/89	LTRD-8901-05	06 JAB	LONG-LEAD-TIME MAT'L FOR HEATERS PATRICK
02/09/89	LTRD-8902-01	06 JAB	PUR APP MISC. MAT'LS FOR TEST FACILITY CONSTRUCTION PATRICK
02/13/89	LTRD-8902-02	06 JAB	PUR APP MAT'L&SVC FOR TEST FAC INSTR&SIGNAL COND SYS PATRICK
03/07/89	LTRD-8903-01	06 JAB	PUR APP-MISC. MAT'LS FOR TEST FACILITY CONSTRUCTION PATRICK
03/07/89	LTRD-8903-02	06 JAB	PUR APP FOR SURFACE BOIL CHAR TEST FACILITY HARDWARE PATRICK
03/10/89	LTRD-8903-03	06 JAB	NEW CONTRACT COCRDINATOR PATRICK
03/17/89	LTRD-8903-04	06 JAB	ADDITIONS TO WORKSCOPE-SAFETY TRIP CIR&MAIN CONTRACT PATRICK
03/31/89	LTRD-8903-05	06 XXX	WSRC TAKE DUPONT'S OBLIGATIONS SCHELLMAN
04/12/89	LTRD-8904-01	06 JAB	PUR APP FOR SURFACE BOILING CHAR TEST FAC HARDWARE PAGETT
04/14/89	LTRD-8904-02	06 JAB	DRAFT COPY OF SINGLE ANNULUI TEST PLAN MCASSEY
04/17/89	LTRD-8904-03	06 JAB	PUR APP FOR MISC. MAT'L FOR TEST FACILITY CONSTRUCTION PAGETT
04/19/89	LTRD-8904-04	01 SSS	CLOSURE OF QA AUDIT OF STERN LABORATORIES INC. PAGETT
04/28/89	LTRD-8904-05	06 JAB	NEW TASK-NUCLEATE BOILING EXP IN AN ANNULUS W/O RIBS QURESHI
00/00/00	LTRD-8904-06	06 JAB	NEW TASK NUCLEATE BOILING EXP. IN ANN WITHOUT RIBS QURESHI
05/08/89	LTRD-8905-01	01 JAB	POWER TILT PROFILESIM QURESHI
05/11/89	LTRD-8905-02	06 JAB	MINOR CORRECTION IN THE POWER TILT PROFILES QURESHI
05/11/89	LTRD-8905-03	06 JAB	UNAPPROVED SPEC. FOR PROCUREMENT NEDE-88-143 PAGETT
05/15/89	LTRD-8905-04	06 JAB	PUR APPROVAL FOR SURFACE BOIL CHAR. TEST FAC. HRDWRE PAGETT
05/15/89	LTRD-8905-05	06 JAB	PUR APP FOR ACCESS TO INEL COMPUTERS AND RELAP5 USE PAGETT
05/17/89	LTRD-8905-06	06 MEH	LARGE ANNULUS OUTER WALL EXTRUSION ORDER WITH ALCAN QURESHI
05/26/89	LTRD-8905-07	06 CJC	BENCHMARKING ANNULUS WITH COLUMBIA'S SINGLE TUBE DATA QURESHI

DATE	ID	TA	TITLE
06/01/89	LTRD-8906-01	06 JAB	PUR APP FOR LONG LEAD ITEMS FOR RIBBED TEST ANNULUS PAGETT
06/05/89	LTRD-8906-02	06 JAB	PUR APP FOR SUBCONTRACT WORK INCREASE WITH STERN LABS PAGETT
06/23/89	LTRD-8906-03	06 JAB	EXTENSION TO LETTER SUBCONTRACT AX-721102
06/28/89	LTRD-8906-04	06 JAB	PRETEST PRED FOR COLUMBIA'S FLOW EXCURSION PROG QURESHI
07/14/89	LTRD-8907-01	06 JAB	PURCHASE APPROVAL BOILING CHARACTERISTICS TEST FAC PAGETT
07/17/89	LTRD-8907-02	06 JAB	PURCHASE APPROVAL FOR MISC. MAT. FOR TEST FAC. PAGETT
08/10/89	LTRD-8908-01	06 JAB	PURCHASE APPROVAL FOR SUBC. WORK INCREASE (NO NAME)
08/18/89	LTRD-8908-02	06 JAB	PUR APP FOR MAT'L FOR TEST FAC CONSTRUCTION PAGETT
09/12/89	LTRD-8909-01	06 JAB	REQUEST APPROVED OF LETTER SEPT. 9, 1989 PAGETT
09/20/89	LTRD-8909-02	06 JAB	PURCHASE APPROVAL FOR TEMPERATURE PROBES PAGETT
11/30/87	LTRO-8711-01	01 MCL	WATT TRANSDUCER & CURRENT TRANSFORMER QUOTE WALDEN/OHIO SEMI
11/25/87	LTRO-8711-02	01 MCL	QUOTE BOS1516 SCHECK/ROSEMOUNT
11/24/89	LTRO-8711-03	01	USING TRANSDUCERS FOR MEAS. OF ELECT.PWR. WALDEN/OHIO SEMIT
11/24/87	LTRO-8711-04	01 MCL	POWER MONITORING WALDEN/OHIO SEMIT.
12/07/87	LTRO-8712-01	01 MCL	QUOTATION WICKERSHAM/BURR-BROWN
12/14/87	LTRO-8712-02	06 MEH	ELECTRICAL ENGINEERING CONSULTANT OSGOOD/JESSEMAN ASSOCIATES
01/11/88	LTRO-8801-01	06 FXD	QUOTATION GEENE/MASSCOMP
01/13/88	LTRO-8801-02	01 MCL	QUOTATION BELIN/C & H ELECTRONICS DIVISION
01/14/88	LTRO-8801-03	01 MCL	QUOTATION WICKERSHAM/BURR-BROWN
01/20/88	LTRO-8801-04	01 FXD	VARIOUS DESCRIPTIONS OF CONDUCTIVITY METHODS HANRATTY/U.IL
01/20/88	LTRO-8801-05	06 MEH	CLEAN WATER FLOW RATE IHLE/R.P. ADAMS COMPANY, INC.
01/25/88	LTRO-8801-06	01 CJC	INFO. ON CONDUCTIVITY PROBES HANRATTY/U. OF ILLINOIS
02/03/88	LTRO-8802-01	01 FXD	GAS PHASE DETECTION IN LIQUIDS SUHOKE/DANTEC ELEC.
03/03/88	LTRO-8803-01	06 MEH	WATER TO WATER HX FIORELLO/R.P. ADAMS COMPANY, INC.
00/00/00	LTRO-8803-02	06 MEH	3.434 TEST ANNULUS HEATER HOYT/RAMA
03/31/88	LTRO-8803-03	06 MEH	B&W HEATER TUBE MANUFACTURER EXPERIENCE RUSH/BABCOCK&WILCOX
04/07/88	LTRO-8804-01	06 MEH	VISIT 3/15/88 MACKENZIE/ARI INDUSTRIES, INC.
04/18/88	LTRO-8804-02	06 DLK	3.434 TEST ANNULUS HEATER ASSEMBLY HOYT/RAMA CORPORATION
04/26/88	LTRO-8804-03	06 MEH	KOCH STATIC MIXING, 27323A00 PORCELLI/KOCH ENGINEERING CO.
02/05/88	LTRO-8805-01	01 FXD	NCI PRODUCTION LITERATURE AND ELECTRONICS MODULE SEMINARA/NCI
06/21/88	LTRO-8806-01	06 MEH	KOCH STATIC MIXING, QUOTE 27323A01
06/21/88	LTRO-8806-02	06 MEH	PRELIMINARY DIMENSION DRAWING IHLE/R.P. ADAMS CO. INC.
08/11/88	LTRO-8808-01	06 CAL	SHEET - RESEVOIR VESSEL ASME INDUSTRIAL EQUIPMENT CO.
08/11/88	LTRO-8808-02	06 CAL	SHEET - SEPARATOR VESSEL ASME INDUSTRIAL EQUIPMENT CO.
08/11/88	LTRO-8808-03	06 MCL	ERROR IN EST COST OF LABOR VINES/MASS ENGINEERING CO. INC.
08/15/88	LTRO-8808-04	06 MCL	PRICE LIST YUKON/ACME INDUSTRIAL EQUIPMENT CO.

February 19, 1991 at 4:04 p.m.

Page 37

DATE	ID	TA TITLE
11/15/88	LTRO-8811-01	06 NAT'L BOARD CERT COVERING THE ASME MAT'L PUMA/R.P. ADAMS CO. INC.
12/07/88	LTRO-8812-01	06 FXD CAL TOLER USED FOR CAL OF 3478A DIG VOLTM SCHLICH/U. OF LOWEL
12/09/88	LTRO-8812-02	06 EPC PROPOSED COMPUTER SYSTEM SYSTEMS PLUS COMPUTERS INC.
02/03/89	LTRO-8902-01	06 SSS QUOTATION TO CALIBRATE 60 THERMOCOUPLE PROBES CHAMBERS
02/03/90	LTRO-8902-02	06 SSS QUOTATION TO CALIBRATE 60 THERMOCOUPLE PROBES STARRY
02/14/89	LTRO-8902-03	06 SSS CALIBRATION AND COST OF THERMOCOUPLES SCHLICH/UNIV. OF LOWELL
04/18/89	LTRO-8904-01	01 COLUMBIA SING TUBE STEADY-STATE DATA
07/18/89	LTRO-8907-01	06 MHH AR-14412-1NS HEAT EXCHANGERS IHLE/R.P. ADAMS COMPANY, INC.
08/17/89	LTRO-8908-01	01 COLUMBIA HEATED FLOW DATA FOR 0.600" TUBE WITH BYPASS
10/12/89	LTRO-8910-01	06 MHH PER REQUEST GAGING TO MEASURE 2.891" DIA. BORE KRIVENKO/DYER
10/00/89	LTRO-8910-02	01 SRL STEADY-STATE ANNULS EXPERIMENT REPORT AND DATA
06/16/88	LTRS-8805-01	06 MHH ALUMINIUM EXTRUSIONS HADALLER
05/30/88	LTRS-8805-02	06 DLK CUSTOM HIGH WATT DENSITY HEATER ASSEMBLIES STERN
06/09/88	LTRS-8806-01	06 DLK CUSTOM HIGH WATT DENSITY, SMALL TEST SEC ASSY STERN
07/21/88	LTRS-8806-02	06 MCL PO 09686-7022.2/OUR REF. SL14 JOHNS
06/23/88	LTRS-8806-03	06 SSS QA MANUAL HADALLER
07/18/88	LTRS-8807-01	06 MHH COST EST FOR INSTALL OF ANN TEST SEC LOOP AT STERN HADALLER
07/25/88	LTRS-8807-02	06 MHH REVISED OUTER TEST SECTION HADALLER
07/27/88	LTRS-8807-03	06 MHH OUTER WALL DRAWINGS HADALLER
08/02/88	LTRS-8808-01	06 MHH LARGE OUTER CHANNEL EXTRUSION HADALLER
08/12/88	LTRS-8808-02	06 MHH LIST OF AL EXTRUSION SUPPLIERS HADALLER
08/17/88	LTRS-8808-03	06 SSS UNCONTROLLED COPY OF QA MANUAL HAYES
08/23/88	LTRS-8808-04	06 MHH ALUMINIUM EXTRUSIONS HADALLER
09/01/88	LTRS-8809-01	06 MHH ADDITIONS TO CREARE ANNULAR TEST SECTION ORDER HADALLER
09/08/88	LTRS-8809-02	06 MHH ANNULAR T/S LAYOUT HADALLER
09/21/88	LTRS-8809-03	06 MHH OUTER HEAT SEALS HADALLER
09/29/88	LTRS-8809-04	06 MHH RESPONSE TO 9/27/88 INQUIRY REGARDING DIMENSIONS HADALLER
10/04/88	LTRS-8810-01	06 FXD COST EST FOR INSTALLATION OF CREARE TEST SEC & LOOP HADALLER
10/25/88	LTRS-8810-02	08 CALIBRATION PROCEDURE: SLCP-01-0 HAYES
11/09/88	LTRS-8811-01	06 FXD AUTHORIZATION TO PUR CABLE AND TRAY SLI REF: SL23 HADALLER
12/08/88	LTRS-8812-01	06 DLK INSTALLATION OF ANNULAR TEST SECTION LOOP, SL2300
01/24/89	LTRS-8901-01	06 SSS QUALITY ASSURANCE AUDIT HAYES
01/24/89	LTRS-8901-02	06 RGS CREARE THREE INCH HEATER, REF: N-301 HADALLER
03/17/89	LTRS-8903-01	01 MHH HEATER INSPECTION REPORT SL14 STERN LAB. INC. HADALLER
03/17/89	LTRS-8903-02	06 CREARE FUEL SIMULATION PROGRAM TEST SECTION ASSEMBLY PROCEDURE
03/31/89	LTRS-8903-03	06 WESTINGHOUSE ASSUMES DUPONT'S OBLICATIONS

February 19, 1991 at 4:04 p.m.

Page 38

DATE	ID	TA	TITLE
03/00/89	LTRS-8903-04	06	MHH CREARE ANNULAR TEST SECTION HADALLER
03/00/89	LTRS-8903-05	06	FXD CREARE INSTALLATION OF ANNULAR TEST SECTION LOOP HADALLER
04/17/89	LTRS-8904-04	06	SSS CLOSURE OF QA AUDIT OF STERN LABORATORIES INC. PAGFTT
04/25/89	LTRS-8904-06	06	JAB NEW TASK-PRETEST PREDICTIONS FOR THE FLOW EXCURSION QURESHI
05/01/89	LTRS-8905-01	06	CLEANING OF STAINLESS STEEL VESSELS AND PIPING
05/18/89	LTRS-8905-02	06	FXD COST ESTIMATE FOR ANNULAR TESTING HADALLER
05/24/89	LTRS-8905-03	06	MHH CREDIT FOR LARGE WALL EXTRUSION REF:SL14 HADALLER
06/07/89	LTRS-8906-01	01	MHH OUTER WALL EXTRUSION SAWALA
06/00/89	LTRS-8906-02	06	TEST PROC SLTP-06/PRE-OPER CLEAN OF STAIN STEEL CREARE TEST LOOP
07/12/89	LTRS-8907-01	06	MHH HEATER LOCATIONS REVISED HADALLER
07/13/89	LTRS-8907-02	06	SSS/MHH INSPEC RPTS FOR OUTER WALL EXTR&INNER WALL TUBE HADALLER
07/19/89	LTRS-8907-03	06	FXD TEST SECTION ASSEMBLY PROCEDURE HADALLER
07/25/89	LTRS-8907-04	06	DESIGN CALCULATION FOR ADAMS EAT EXCHANGER
07/26/89	LTRS-8907-05	08	FXD CAL. PROCEDURE FOR DC POWER SUPPLY: SLCP-06-0 HAMILTON
08/30/89	LTRS-8908-01	06	FXD T/S ADJUSTMENTS SAWALA
09/01/89	LTRS-8909-01	06	FXD RESULTS OF THE INNER WALL ASSY RELOCATIONS SAWALA
09/05/89	LTRS-8909-02	06	FXD INNER & OUTER WALL AUGNEMENT SAWALA
09/07/89	LTRS-8909-03	06	FXD CREARE FUEL SIMULATION PROGRAM SAWALA
11/27/89	LTRS-8911-01	06	DLK STERN LABORATORIES (SL) RATES FOR 1990 STERN
11/30/89	LTRS-8911-02	06	RGS MIN. OF SAFETY MTG. FOR CREARE HEAT TRANSFER TEST HAMILTON
12/07/89	LTRS-8912-01	06	MHH INNER WALL PIN DESIGN SAWALA
01/10/90	LTRS-9001-01	06	FXD PROGRESS REPORTS HADALLER
02/23/90	LTRS-9002-01	06	MHH ADD FUND FOR EXT OF HEATER SHEATH FOR FIND INER WALL HADALLER
02/00/90	LTRS-9002-02	06	MHH CREARE ANNULAR TEST SECTION HADALLER
02/00/90	LTRS-9002-03	06	FXD CREARE INSTALLATION OF ANNULAR TEST SECTION LOOP HADALLER
04/06/90	LTRS-9004-01	06	MHH INSPECTION REPORT FOR INNER WALL HEATERS SL14 HADALLER
04/24/90	LTRS-9004-02	06	MHH FINNED INNER WALL ASSY INSPECTION HADALER
05/03/90	LTRS-9005-01	06	FXD REBUILT ANNULAR TEST SECTION REF:SL53 HADALLER
05/17/90	LTRS-9005-02	06	FXD INSPECTION RPT IR-036 FOR INNER WALL HEATERS FAILURE SAWALA
05/25/90	LTRS-9005-03	06	FXD INNER WALL CROSS-SECTION IN BHL AREA HADALLER
05/00/90	LTRS-9005-04	06	MHH CREARE ANNULAR TEST SECTION HADALLER
07/00/90	LTRS-9007-01	06	FXD CREARE INSTALLATION OF ANNULAR TEST SECTION LOOP HADALLER
08/12/90	LTRS-9008-01	06	FXD TRANSDUCER CALIBRATION DATA SAWALA
08/22/90	LTRS-9008-02	06	FXD TRANSDUCER CALIBRATION DATA SHEETS SAWALA
09/06/90	LTRS-9009-01	06	FXD DRAWINGS SAWALA
00/00/00	MISC-01	07	EQUIPMENT MANUALS

February 19, 1991 at 4:04 p.m.

Page 39

DATE	ID	TA TITLE
00/00/00	MISC-02	07 BECKMAN INDUSTRIAL 400A SERIES DIGITAL INDICATORS-OWNER'S MANUAL
00/00/00	MISC-03	07 ANNULUS TEST SECTION PHOTOGRAPHS
00/00/00	MTG-0000-01	06 PRE-TEST PREDICTION FOR UNIFORM TUBE OFI
00/00/00	MTG-0000-02	06 RECENT BENCHMARKING & PROPOSED FI LIMIT STRATEGY
09/16/87	MTG-8709-01	06 (NO MTG#) PRE-PROJECT MEETING RGS/CJC/MHH/FXD/JAB
09/21/87	MTG-8709-02	06 MINUTES 9/21/87 PROJECT REVIEW COMMITTEE MEETING JAB
09/30/87	MTG-8709-03	06 MINUTES PROJECT REVIEW COMMITTEE MEETING JAB
11/10/87	MTG-8711-01	06 MTG-87-11-58 BOILING IN SRP ANNULI PROJ KICKOFF MTG RGS/MHH/FXD..
11/10/87	MTG-8711-02	06 MINUTES PROJECT REVIEW COMMITTEE MEETING 10/9-10/87 JAB
11/13/87	MTG-8711-03	06 MINUTES BY DUPONT FOR 11/10/87 MEETING JOHNSTON
12/10/87	MTG-8712-01	06 TRIP REPORT - VISIT BY B&W PERSONNEL TO SRL DECEMBER 2, 1987
12/08/87	MTG-8712-02	06 MINUTES HAND WRITTEN NOTES REGARDING 12/8-9/87 MEETING RGS
12/15/87	MTG-8712-03	06 MTG-87-12-63 SUBCONTRACTOR WORK REVIEWS OF BOILING PRESSURE...
12/22/87	MTG-8712-04	06 MINUTES BY DUPONT FOR 12/15/87 MEETING AT SRL ROSS
02/16/88	MTG-8802-01	06 MTG-88-2-68 AGENDA FOR 02/23/88 MEETING AT CREARE RGS
02/23/88	MTG-8802-02	06 MTG-88-2-72 NUCLEATE BOILING PRESSURE DROP IN ANNULI RGS/MHH/FXD.
02/23/88	MTG-8802-03	06 MINUTES 02/23/88 MEETING JAB
02/23/88	MTG-8802-04	06 MINUTES 02/23/88 MEETING LC
03/29/88	MTG-8803-01	06 MTG-88-03-076 SUBCON WORK REV OF FLOW EXCURSION & BOILING PRES DR
03/29/88	MTG-8803-02	06 B&W PROGRAM STATUS - SAVANNAH RIVER PLANT FLOW EXCURSION...
03/29/88	MTG-8803-03	06 FUEL ASSEMBLY DESIGN AND FABRICATION STATUS - SAVANNAH RIVER...
03/29/88	MTG-8803-04	06 HYDRAULIC SIMILARITY - SAVANNAH RIVER PLANT FLOW EXCURSION...
03/29/88	MTG-8803-05	06 INSTRUMENTATION ACTIVITIES - SAVANNAH RIVER PLAN FLOW EXCURSION..
03/29/88	MTG-8803-06	06 THERMAL ANALYSES - SAVANNAH RIVER PLANT FLOW EXCURSION TEST...
04/11/88	MTG-8804-01	06 TRIP REPORT - CONTRACTORS MTG AT BABCOCK AND WILCOX
05/12/88	MTG-8805-01	06 MINUTES 5/12/88 PROJECT REVIEW COMMITTEE MEETING JAB
06/07/88	MTG-8806-01	06 MINUTES 6/7/88 PROJECT REVIEW COMMITTEE MEETING JAB
06/21/88	MTG-8806-02	06 MTG-88-6-109 NUCLEATE BOILING PRESSURE DROP IN ANNULI RGS/MHH/FXD
06/21/88	MTG-8806-03	06 MINUTES 6/21/88 PROJECT REVIEW COMMITTEE MEETING JAB
07/07/88	MTG-8807-01	06 MINUTES 7/7/88 PROJECT REVIEW COMMITTEE MEETING JAB
07/12/88	MTG-8807-02	06 TRIP REPORT - CREARE, INC., NUCLEATE BOILING PROJECT 6/21/88
09/22/88	MTG-8809-01	06 MTG-88-9-132 NUCLEATE BOILING PRESSURE DROP IN ANNULUS JAB
10/04/88	MTG-8809-02	06 MTG-88-9-136 NUCLEATE BOILING PRESSURE DROP IN ANNULUS JAB/MHH/..
10/04/88	MTG-8810-01	06 FLOW EXCURSION TEST INSTRUMENTATION & DATA QUALIFICATION
10/04/88	MTG-8810-02	06 FLOW EXCURSION TEST PROGRAM - SAVANNAH RIVER LABORATORY...
10/04/88	MTG-8810-03	06 UNCERTAINTY ANALYSIS APPENDIX A...

February 19, 1991 at 4:04 p.m.

Page 40

DATE	ID	TA TITLE
10/04/88	MTG-8810-04	06 PRE-TEST PREDICTION&POST-TEST ANALYSYS OF SRL FLOW INSTABILITY...
10/05/88	MTG-8810-05	06 HEAT TRANSFER RESEARCH FACILITY - COLUMBIA UNIVERSITY
10/20/88	MTG-8810-06	06 MINUTES 10/28/88 PROJECT REVIEW COMMITTEE MEETING JAB
10/28/88	MTG-8810-07	06 TRIP REPORT-JOINT CONTRACT MTG IN W. LEB NH JAR/TENNANT
11/14/88	MTG-8811-01	10 MTG-88-11-146 REVIEW OF TASK 10 EPC/JAB/FXD/MJM/RGS/NAL/PNW/BHS
11/21/88	MTG-8811-02	06 MINUTES MTG-88-11-147 PROJECT OVERVIEW MTG FOR 11/21/88 JAB
01/05/89	MTG-8901-01	06 MINUTES PROJECT REVIEW MEETING
03/03/89	MTG-8903-01	06 MTG-89-02-171 OBSERVATIONS ON COLUMBIA SINGLE TUBE TESTS JAB
03/03/89	MTG-8903-02	03 COLUMBIA-SINGLE TUBE TEST PROGRAM JAB/RGS/CJC/JJB
03/03/89	MTG-8903-03	03 COLUMBIA-ANALYSIS OF TUBE BURNOUTS JAB/RGS/CJC/JJB
04/26/89	MTG-8904-01	06 MTG-89-4-178 CREARE'S BOILING PRESSURE DROP PROGRAM JAB/FXD/CJC
04/00/89	MTG-8904-02	07 MTG-89-4-175 CREARE EXP. W/HEAT TRANSFER ANALYSIS CODES CJC
04/00/89	MTG-8904-03	06 FLOW EXCURSION EXPERIMENTAL STUDY FOR THE SAVANNAH RIVER SITE
04/26/89	MTG-8904-04	06 B&W FLOW EXCURSION TEST PROGRAM
04/26/89	MTG-8904-05	06 TASK 4 SINGLE TUBE EXPERIMENT TEST STATISTICS
05/24/89	MTG-8905-01	06 WORK REV OF CONTRACTOR FLOW EXCURSION & BOILING PRESS DROP TESTS
07/12/89	MTG-8907-01	06 PRETEST PREDICTIONS FOR THE COLUMBIA'S FLOW EXCURSION PROGRAM
07/12/89	MTG-8907-02	06 SINGLE TUBE FLOW INSTABILITY TESTS - COLUMBIA UNIVERSITY
07/12/89	MTG-8907-03	06 MTG-89-07-190 STATUS OF ANALYTICAL WORK FOR TRANSIENTS
07/26/89	MTG-8907-04	06 MTG-89-7-195 CREARE'S BOILING PRESSURE DROP PROGRAM JAB/FXD
11/15/89	MTG-8911-01	06 WESTINGHOUSE Ssavannah RIVER CO. CONTRACTOR'S MEETING...
11/15/89	MTG-8911-02	06 MTG-89-11-229 CREARE'S BOILING PRESSURE DROP PROGRAM
11/15/89	MTG-8911-03	06 FLOW INSTABILITY EXPERIMENTAL PROGRAM W/A MARK 22 MOCKUP...
11/15/89	MTG-8911-04	06 COLUMBIA UNIVERSITY HEAT TRANSFER RESEARCH FACILITY
11/15/89	MTG-8911-05	06 FLOWTRAN BENCHMARKING AGAINST B&W OFI TESTS
11/15/89	MTG-8911-06	06 NUCLEATE BOILING PRESSURE DROP PROGRAM AT CREARE INC.
11/15/89	MTG-8911-07	06 TASK-2 INSTRUMENTATION DEVELOPMENT & ANALYTICAL STUDIES
11/15/89	MTG-8911-08	06 TASK-3 SINGLE ANNULUS TEST PROGRAM
11/15/89	MTG-8911-09	06 TASK-4 UNIFORMLY HEATED SINGLE TUBE TEST PROGRAM
11/15/89	MTG-8911-10	06 TASK-5 NON-UNIFORMLY HEATED SINGLE TUBE TEST PROGRAM
11/15/89	MTG-8911-11	06 TASK-6 SINGLE TUBE PARALLEL OPERATION TEST PROGRAM
11/16/89	MTG-8911-12	06 TASK-7 SINGLE TUBE TRANSIENT OPERATION TEST PROGRAM
11/16/89	MTG-8911-13	06 TASK-8 SINGLE TUBE CRITICAL HEAT FLUX TEST PROGRAM
11/16/89	MTG-8911-14	06 FLOWTRAN BENCHMARKING AGAINST COLUMBIA UNV. SINGLE-TUBE OFI TESTS
11/16/89	MTG-8911-15	06 SINGLE TUBE FLOW INSTABILITY TESTS - COLUMBIA UNIVERSITY
08/08/89	PO-00005-702211	11 HOLYOKE VALVE INC.

February 19, 1991 at 4:04 p.m.

Page 41

DATE	ID	TA TITLE
08/09/89	PO-00015-70222	02 CONTROLLER SERVICE & SALES
08/14/89	PO-00042-70229	09 ROSEMOUNT INSTRUMENTS LTD
08/14/89	PO-00044-70224	04 MAINE VALVE & FITTING CO.
09/12/89	PO-00184-702211	11 W.W. GRAINGER, INC.
09/18/89	PO-00209-70222	02 OMEGA ENGINEERING INC.
09/20/89	PO-00219-70222	02 OMEGA ENGINEERING INC.
09/20/89	PO-00221-70222	02 MAINE VALVE & FITTING CO.
09/22/89	PO-00241-70222	02 MAIN VALVE & FITTING CO.
09/25/89	PO-00246-702211	11 JOHN G. SHELLEY CO., INC.
09/27/89	PO-00254-70229	09 OHIO SEMITRONICS, INC.
10/04/89	PO-00277-70222	02 MCMaster-CARR SUPPLY CO.
10/05/89	PO-00286-70229	09 GERBER ELECTRONICS
10/16/89	PO-00364-70222	02 THE DYER COMPANY
12/05/89	PO-00617-702212	12 EG & G IDAHO, INC.
12/06/89	PO-00624-70222	02 LOREN DYER
12/21/90	PO-00737-70228	08 MCMaster-CARR SUPPLY CO.
12/28/89	PO-00756-70229	09 OMEGA ENGINEERING INC.
12/28/89	PO-00758-70229	09 MAINE VALVE & FITTING CO.
12/29/89	PO-00763-70228	08 SEALING DEVICES, INC.
01/02/90	PO-00769-70227	07 QUANTECH
01/03/90	PO-00777-702212	12 EG & G IDAHO, INC.
01/11/90	PO-00826-70229	09 HARBOR TOOL SUPPLY CO. INC.
01/15/90	PO-00838-70229	09 HARDINGE BROTHERS INC.
01/18/90	PO-00866-70229	09 SMALL PARTS INC.
01/29/90	PO-00906-70228	08 GLOENCO-NEWPORT, INC.
01/24/90	PO-00907-70228	08 SMALL PARTS INC.
02/20/90	PO-01028-70229	09 MAINE VALVE & FITTING CO.
03/15/90	PO-01130-70224	04 STERN LABORATORIES, INC.
04/12/90	PO-01301-70224	04 MCMaster-CARR SUPPLY CO.
05/11/90	PO-01447-70224	04 NEW ENGLAND CONTROLS
09/11/90	PO-02082-70222	02 LOREN DYER
10/04/90	PO-02189-70226	06 INTERCHANGE INC.
02/04/88	PO-09054-70221	01 MASS. ENG. CO. INC.
02/05/88	PO-09057-70221	01 JESSEMAN ASSOC., P.C.
04/05/88	PO-09286-70221	01 CD BOILER WORKS
04/21/88	PO-09350-70221	01 FISHER SCIENTIFIC CO.

February 19, 1991 at 4:04 p.m.

Page 42

DATE	ID	TA TITLE
04/20/88	PO-09376-70221	01 OAKES ELECTRIC
05/04/88	PO-09440-70221	01 MCMASTER-CARR SUPPLY CO.
05/04/88	PO-09441-70221	01 WALDEN IND. SUPPLY CO.
05/10/88	PO-09462-70221	01 W.W. GRAINGER, INC.
05/25/88	PO-09538-70221	01 MCMASTER-CARR SUPPLY CO.
06/06/88	PO-09598-70221	01 SCANIVALVE, INC.
06/15/88	PO-09679-70221	01 OAKES ELECTRIC
06/20/88	PO-09686-70222	02 STERN LABORATORIES
06/24/88	PO-09727-70221	01 GENSTAR RENTAL ELECTRONICS
06/27/88	PO-09731-70221	01 MOHR AND ASSOC.
07/07/88	PO-09790-70221	01 EDGCOMB METALS
07/21/88	PO-09853-70222	02 KOCH ENGR. CO., INC.
07/21/88	PO-09865-70228	08 LADCO
07/22/88	PO-09869-70228	08 ELECTRO-RENT CORP.
07/27/88	PO-09871-70228	08 HEWLETT PACKARD
07/25/88	PO-09884-70222	02 R.P. ADAMS CO. INC.
07/25/88	PO-09885-70226	06 LORI BAKER
07/27/88	PO-09896-70222	02 MCMASTER-CARR SUPPLY CO.
07/26/88	PO-09901-70228	08 P.C. PROTO
07/27/88	PO-09904-70222	02 W.W. GRAINGER, INC.
07/27/88	PO-09907-70222	02 F. W. WEBB, CO.
07/27/88	PO-09909-70222	02 CENTRAL PIPE & SUPPLY CO. INC.
07/27/88	PO-09910-70222	02 STAINLESS PIPE & FITTINGS
08/04/88	PO-09930-70222	02 CARPENTER SUPPLY CO.
07/29/88	PO-09934-70222	02 ROSEMOUNT
07/29/88	PO-09936-70222	02 EDGCOMB METALS
07/29/88	PO-09938-70222	02 PILGRIM INST. & CONTROLS INC.
07/29/88	PO-09939-70222	02 CARPENTER SUPPLY CO.
08/02/88	PO-09946-70222	02 LECHLER INC.
08/05/88	PO-09955-70222	02 EIL INST. INC.
08/04/88	PO-09961-70222	02 HOLYOKE VALVE, INC.
08/02/88	PO-09964-70226	06 H/O PHOTOGRAPHERS INC.
08/04/88	PO-09982-70222	02 NEW ENGLAND CONTROLS
08/04/88	PO-09985-70222	02 NEW ENGLAND CONTROLS
08/04/88	PO-09986-70222	02 NEW ENGLAND CONTROLS
08/11/88	PO-10006-70227	07 MOSLER

February 19, 1991 at 4:04 p.m.

Page 43

DATE	ID	TA TITLE
08/10/88	PO-10028-70229	09 MASSCOMP
08/12/88	PO-10040-70222	02 ACME IND. EQUIP. CO.
08/19/88	PO-10059-70222	02 GREENE - SHAW CO., INC.
08/15/88	PO-10066-70229	09 STANDARD REFERENCE DATA
08/16/88	PO-10073-70222	02 EDGCOMB METALS
08/16/88	PO-10076-70229	09 OHIO SEMITRONICS INC.
08/16/88	PO-10077-70229	09 MAINE VALVE & FITTING CO.
08/16/88	PO-10079-70229	09 ROSEMOUNT INC.
08/18/88	PO-10080-70229	09 APPLIED GRAPHICS
08/19/88	PO-10094-70222	02 GERBER ELECTRONICS
08/24/88	PO-10124-70222	02 CONTINENTAL MACHINE, CORP.
08/30/88	PO-10166-70222	02 CONTROLLER SERVICE & SALES CO. INC.
08/31/88	PO-10171-70222	02 CONTROLLER SERVICE & SALES CO. INC.
09/02/88	PO-10178-70229	09 GERBER ELECTRONICS
09/06/88	PO-10180-70229	09 C & H ELECTRONICS
09/02/88	PO-10189-70229	09 KAYE INST. INC.
09/06/88	PO-10190-70229	09 GREENE-SHAW CO. INC.
09/06/88	PO-10191-70229	09 DIGIKEY CORP.
08/02/88	PO-10192-70229	09 MILGRAY/NEW ENGLAND
09/02/88	PO-10195-70229	09 YANKEE ELEC. SUPPLY
09/06/88	PO-10196-70229	09 GORDON CO.
09/02/88	PO-10198-70229	09 ANALOG DEVICES
09/02/88	PO-10199-70229	09 BURR BROWN
09/08/88	PO-10201-70229	09 OMEGA ENG. CO.
09/09/88	PO-10231-70229	09 VISHAY RESISTIVE SYSTEMS GROUP
09/09/88	PO-10233-70222	02 GERBER ELECTRONICS
09/15/88	PO-10257-70222	02 MCMASTER-CARR SUPPLY CO.
09/15/88	PO-10259-70222	02 LOREN DYER
09/15/88	PO-10269-70222	02 DANIEL IND. INC.
09/19/88	PO-10270-70229	09 PIONEER STNADARD ELEC. INC.
09/15/88	PO-10276-70221	01 UNITED SENSOR DIVISION
09/21/88	PO-10279-70222	02 CONTINENTAL MACHINE CORP.
09/16/88	PO-10281-70222	02 STAINLESS PIPE & FITTINGS
09/19/88	PO-10291-70229	09 ADVANCED REPRODUCTIONS CORP.
09/20/88	PO-10296-70222	02 EDGCOMB METALS
09/21/88	PO-10302-70222	02 CENTRAL PIPE & SUPPLY CO. INC.

February 19, 1991 at 4:04 p.m.

Page 44

DATE	ID	TA TITLE
09/22/88	PO-10317-70222	02 GERRARD WELDING SERVICE
09/22/88	PO-10318-70222	02 GERRARD WELDING SERVICE
09/23/88	PO-10324-70221	01 W.W. GRAINGER, INC.
09/23/88	PO-10327-70229	09 OMEGA ENG. INC.
09/27/88	PO-10349-70228	08 COTRONICS CORP.
09/28/88	PO-10351-70222	02 NEW ENGLAND CONTROLS
09/30/88	PO-10360-70222	02 CONTINENTAL MACHINE CORP.
10/03/88	PO-10365-70222	02 HOLYOKE VALVE, INC.
10/03/88	PO-10366-70229	09 P.C. PROTO
10/24/88	PO-10378-70222	02 NORTHEAST RIGGERS
10/21/88	PO-10379-70222	02 DANIELS TRANSPORTATION
10/24/88	PO-10391-70222	02 W.W. GRAINGER, INC.
10/24/88	PO-10393-70227	07 BUTTON WARE
10/25/88	PO-10397-70222	02 OMEGA ENGINEERING
10/25/88	PO-10399-70222	02 MCMASTER CARR SUPPLY CO.
10/25/88	PO-10403-70222	02 RIVERSIDE PRECISION SHEET METAL, INC.10/25/88
10/25/88	PO-10418-70221	01 LARCO CORP.
10/26/88	PO-10419-70229	09 CONAX
10/27/88	PO-10425-70222	02 BOSTON COOPER CORP.
10/28/88	PO-10427-70222	02 MCMASTER-CARR SUPPLY CO.
10/28/88	PO-10435-70222	02 PEECO INC.
11/02/88	PO-10468-70229	09 TIME ELECTRONICS
11/02/88	PO-10477-70222	02 PERLEY'S SHARPENING SERVICE
11/02/88	PO-10485-70222	02 CONTROLLER SERVICE & SALES CO.
11/04/88	PO-10495-70222	02 KENNEBEC SUPPLY
11/04/88	PO-10500-70222	02 W.W. GRAINGER, INC.
10/04/88	PO-10511-70222	02 LOREN DYER
10/05/88	PO-10512-70229	09 NEK CIRCUITS
10/04/88	PO-10514-70222	02 OMEGA ENGINEERING
10/04/88	PO-10522-70224	04 STERN LABORATORIES
10/06/88	PO-10523-70222	02 HOLYOKE VALVE, INC.
10/10/88	PO-10539-70229	09 MINCO PRODUCTS, INC.
10/11/88	PO-10549-70229	09 TIME ELECTRONICS
10/12/88	PO-10556-70228	08 HITEC CORPORATION
10/12/88	PO-10557-70222	02 ERNST GAGE CO.
12/12/88	PO-10559-70222	02 W.W. GRAINGER, INC.

February 19, 1991 at 4:04 p.m.

Page 45

DATE	ID	TA TITLE
10/12/88	PO-10566-70229	09 OMEGA ENGINEERING
10/13/88	PO-10569-70222	02 EDGCOMB METALS
10/17/88	PO-10584-70222	02 CENTRAL PIPE & SUPPLY CO., INC
10/14/88	PO-10586-70229	09 RIVERSIDE PRECISION SHEET METAL.
10/14/88	PO-10587-70229	09 GLOENCO-NEWPORT
10/21/88	PO-10613-70222	02 KENNEBEC SUPPLY CO.
11/04/88	PO-10636-70222	02 MCMASTER-CARR SUPPLY CO.
11/09/88	PO-10662-70229	09 GERBER ELECTRONICS
11/09/88	PO-10664-70221	01 HARBOR TOOL SUPPLY CO.
11/09/88	PO-10665-70221	01 EDGCOMB METALS
11/09/88	PO-10666-70221	01 MCMASTER-CARR SUPPLY CO.
11/14/88	PO-10668-70222	02 CENTRAL PIPE & SUPPLY CO., INC.
11/11/88	PO-10672-70222	02 MCMASTER-CARR SUPPLY CO.
11/10/88	PO-10673-70222	02 ALLOY PIPE & FITTINGS INT'L CORP.
11/11/88	PO-10678-70222	02 STAINLESS PIPE & FITTINGS
11/11/88	PO-10679-70222	02 KENNEBEC SUPPLY CO.
11/14/88	PO-10683-70229	09 CGS THERMODYNAMICS
11/11/88	PO-10685-70222	02 GERRARD WELDING SERVICE
11/14/88	PO-10688-70222	02 RIVERSIDE PRECISION SHEET METAL, INC.
11/14/88	PO-10690-70222	02 MCMASTER-CARR SUPPLY CO.
11/17/88	PO-10718-70229	09 GERBER ELECTRONICS
11/18/88	PO-10730-70222	02 ALLOY PIPE & FITTINGS
11/21/88	PO-10734-70222	02 LOREN DYER
11/22/88	PO-10740-70222	02 OMEGA ENGINEERING
11/22/88	PO-10743-70222	02 MCMASTER-CARR SUPPLY CO.
11/28/88	PO-10759-70229	09 GERBER ELECTRONICS
12/01/88	PO-10783-70222	02 HOLYOKE VALVE, INC.
12/01/88	PO-10784-70222	02 MCMASTER-CARR SUPPLY CO.
12/06/88	PO-10814-70222	02 ALLOY PIPE AND FITTINGS INT'L CORP.
12/08/88	PO-10837-70222	02 ALLOY PIPE AND FITTINGS CORP.
12/12/88	PO-10843-70228	08 OMEGA ENGINEERING
12/12/88	PO-10855-70222	02 MCMASTER-CARR SUPPLY CO.
12/12/88	PO-10862-70222	02 MCMASTER-CARR SUPPLY CO.
12/12/88	PO-10865-70222	02 STAINLESS PIPE AND FITTINGS
12/14/88	PO-10893-70222	02 MAINE VALVE AND FITTING CO.
12/14/88	PO-10895-70222	02 MCMASTER-CARR SUPPLY CO.

February 19, 1991 at 4:04 p.m.

Page 46

DATE	ID	TA TITLE
12/14/88	PO-10896-70222	02 MCMASTER-CARR SUPPLY CO.
12/15/88	PO-10898-70229	09 PC PROTO, INC.
12/15/88	PO-10900-70229	09 MAINE VALVE AND FITTING CO.
12/15/88	PO-10902-70229	09 MCMASTER-CARR SUPPLY CO.
12/16/88	PO-10905-70222	02 MCMASTER-CARR SUPPLY CO.
12/19/88	PO-10920-70222	02 CENTRAL PIPE AND SUPPLY CO., INC.
12/19/88	PO-10922-70229	09 GERBER ELECTRONICS
12/19/88	PO-10925-70229	09 FISHER SCIENTIFIC CO.
12/20/88	PO-10928-70229	09 TTI, INC.
12/20/88	PO-10930-70222	02 CONTINENTAL MACHINE CORP.
12/21/88	PO-10939-70229	09 TIME ELECTRONICS
12/21/88	PO-10940-70229	09 GERBER ELECTRONICS
12/22/88	PO-10944-70222	02 PILGRIM INSTRUMENT AND CONTROLS, INC.
12/22/88	PO-10945-70222	02 CONTACT EAST
12/22/88	PO-10949-70229	09 FISHER SCIENTIFIC CO.
12/22/88	PO-10954-70222	02 MAINE VALVE AND FITTING CO.
12/27/88	PO-10957-70221	01 SYSTEMS PLUS COMPUTERS INC.
12/28/88	PO-10964-70221	01 STRUCTURAL RESEARCH ANALYSIS CORP.
12/29/88	PO-10967-70222	02 CONTROLLER SERVICE AND SALES
12/29/88	PO-10968-70222	02 EAGLE STAINLESS TUBE CO.
12/29/88	PO-10969-70222	02 MCMASTER-CARR SUPPLY CO.
12/29/88	PO-10970-70229	02 OMEGA ENGINEERING
12/30/88	PO-10981-70229	09 BURR BROWN
01/03/89	PO-10989-70222	02 NEW ENGLAND CONTROLS
01/03/89	PO-10990-70222	02 MAINE VALVE AND FITTING CO.
01/03/89	PO-10991-70222	02 MCMASTER-CARR SUPPLY CO.
01/04/89	PO-11003-70222	02 MCMASTER-CARR SUPPLY CO.
01/04/89	PO-11005-70222	02 MAINE VALVE AND FITTING CO.
01/06/89	PO-11008-70222	02 MAINE VALVE AND FITTING CO.
01/05/89	PO-11019-70222	02 MAINE VALVE AND FITTING CO.
01/06/89	PO-11020-70222	02 MICRO-MEASUREMENTS GROUP INC.
01/06/89	PO-11028-70222	02 OAKES ELECTRICAL SUPPLY CO.
01/09/89	PO-11030-70222	02 MCMASTER-CARR SUPPLY CO.
01/09/89	PO-11031-70222	02 MAINE VALVE AND FITTING CO.
01/10/89	PO-11039-70222	02 ASSOCIATED SPRING CORP.
01/10/89	PO-11041-70222	02 MAINE VALVE AND FITTING CO.

February 19, 1991 at 4:04 p.m.

Page 47

DATE	ID	TA TITLE
01/10/89	PO-11050-70222	02 FIFIELD ELECTRIC
01/11/89	PO-11055-70222	02 MCMASTER-CARR SUPPLY CO.
01/12/89	PO-11058-70222	02 MCMASTER-CARR SUPPLY CO.
01/16/89	PO-11078-70222	02 MAINE VALVE AND FITTING CO.
01/13/89	PO-11080-70222	02 MCMASTER-CARR SUPPLY CO.
01/17/89	PO-11093-70222	02 MAINE VALVE AND FITTING CO.
01/17/89	PO-11095-70222	02 MCMASTER-CARR SUPPLY CO.
01/17/89	PO-11098-70222	02 STAINLESS PIPE AND FITTINGS
01/18/89	PO-11103-70222	02 MAINE VALVE AND FITTING CO.
01/17/89	PO-11104-70222	02 ALLOY PIPE AND FITTINGS INTERN'L CORP.
01/17/89	PO-11105-70222	02 STAINLESS PIPE AND FITTINGS
01/17/89	PO-11109-70229	09 OMEGA ENGINEERING
01/19/89	PO-11111-70222	02 MCMASTER-CARR SUPPLY CO.
01/19/89	PO-11116-70222	02 NORTHEAST RUBBER PRODUCTS, INC.
01/19/89	PO-11117-70227	07 TECHNOLOGY SERVICES CORP.
01/20/89	PO-11121-70222	02 ALLOY PIPE & FITTING INTERNATIONAL CORP.
01/23/89	PO-11136-70222	02 MAINE VALVE AND FITTING CO.
01/23/89	PO-11140-70222	02 LINCOLN CONTROLS
01/25/89	PO-11155-70222	02 MCMASTER-CARR SUPPLY CO.
01/26/89	PO-11158-70222	02 CENTRAL PIPE AND SUPPLY CO., INC.
01/25/89	PO-11159-70222	02 GERRARD WELDING SERVICES
01/25/89	PO-11164-70222	02 MCMASTER-CARR SUPPLY CO.
01/26/89	PO-11167-70229	09 HITEC CORPORATION
01/30/89	PO-11177-702211	11 PACIFIC SINTERED METALS CO.
02/06/89	PO-11188-702210	10 CREARE INC.
02/06/89	PO-11206-70222	02 H.D. CHASEN
02/06/89	PO-11208-70222	02 EMST GAGE CO.
02/06/89	PO-11209-70222	02 BLUE MOUNTAIN MACHINE CO.
02/07/89	PO-11215-702211	11 CONAX BUFFALO CORP.
02/07/89	PO-11217-702211	11 KAYE INSTRUMENTS, INC.
02/07/89	PO-11229-702211	11 OMEGA ENGINEERING
02/08/89	PO-11230-70222	02 SAGER ELECTRICAL SUPPLY
02/08/89	PO-11243-70222	02 CENTRAL PIPE AND SUPPLY CO., INC.
02/10/89	PO-11251-70222	02 PILGRIM INSTRUMENT AND CONTROLS, INC.
02/16/89	PO-11270-70229	09 UNIV. OF LOWELL RESEARCH FOUNDATION METROLOGY SERVICES DIVISION
02/21/89	PO-11288-70222	02 CONTROLLER SERVICE AND SALES CO. INC.

February 19, 1991 at 4:04 p.m.

Page 48

DATE	ID	TA TITLE
02/22/89	PO-11294-70222	02 PILGRIM INSTRUMENT AND CONTROLS, INC.
02/22/89	PO-11297-702211	11 O'CONNER ASSOCIATES ENGINEERED PRODUCTS INC.
02/22/89	PO-11298-70222	02 STAINLESS PIPE AND FITTINGS
02/23/89	PO-11303-702211	11 OHIO SEMITRONICS INC.
02/23/89	PO-11307-70222	02 SPRAYING SYSTEMS CO.
02/24/89	PO-11317-70222	02 ARROW ELECTRONICS INC.
02/27/89	PO-11320-702211	11 PILGRIM INSTRUMENTS AND CONTROLS INC.
02/27/89	PO-11321-702211	11 ITT STANDARD
02/28/89	PO-11329-702211	11 KENNEBEC SUPPLY CO.
02/28/89	PO-11331-70222	02 NEW ENGLAND CONTROLS, INC.
03/02/89	PO-11344-702211	11 HAYES PUMP AND MACHINERY CO.
03/02/89	PO-11345-70222	02 BOSTON COOPER CORP.
03/01/89	PO-11346-70222	02 HOLYOKE VALVE INC.
03/02/89	PO-11348-70222	02 KENNEBEC SUPPLY CO.
03/03/89	PO-11349-70222	02 MCMASTER-CARR SUPPLY CO.
03/03/89	PO-11355-702211	11 A.W. CASH VALVE MANUFACTURING CORP.
03/03/89	PO-11356-702211	11 GE ELECTRIC SUPPLY CO.
03/06/89	PO-11360-70222	02 MCMASTER-CARR SUPPLY CO.
03/09/89	PO-11371-702211	11 KENNEBEC SUPPLY CO.
03/10/89	PO-11372-70222	02 HAMMEL DAHL/JAMESBURY
03/10/89	PO-11373-70222	02 PILGRIM INSTRUMENT AND CONTROLS, INC.
03/14/89	PO-11394-702211	11 HOLYOKE VALVE INC.
03/15/89	PO-11403-70222	02 FISHER CONTROLS INT'L
03/15/89	PO-11410-70222	02 MCMASTER-CARR SUPPLY CO.
03/15/89	PO-11417-70222	02 MCMASTER-CARR SUPPLY CO.
03/15/89	PO-11421-70229	09 RIVERSIDE PRECISION SHEET INC.
03/20/89	PO-11430-70222	02 CONTROLLER SERVICES AND SALES CO. INC.
03/22/89	PO-11452-70229	09 ARROW ELECTRONICS
03/22/89	PO-11454-70229	09 HITEC CORP.
03/27/89	PO-11472-702211	11 HOLYOKE VALVE INC.
03/27/89	PO-11477-702211	11 PALL CORP.
03/27/89	PO-11479-70229	09 TTI INC.
03/28/89	PO-11490-702211	02 COLE-PARMER INSTRUMENT CO.
03/28/89	PO-11491-70222	02 NORTHEAST RIGGERS
03/28/89	PO-11492-70222	02 DECATO BROS. INC.
03/28/89	PO-11500-70229	09 FRED LINDNER

February 19, 1991 at 4:04 p.m.

Page 49

DATE	ID	TA TITLE
03/30/89	PO-11503-70222	02 FISHER SCIENTIFIC CO.
03/30/89	PO-11504-702211	11 BORDEN AND REMINGTON
03/30/89	PO-11512-70222	02 U-HAUL
04/03/89	PO-11513-70222	02 U-HAUL
04/04/89	PO-11516-70222	02 ROSEMOUNT
05/18/89	PO-11516-70222B	02 ROSEMOUNT ANALYTICAL UNILOC' DIVISION CERT. OF COMPLIANCE
04/03/89	PO-11519-70222	02 NEW ENGLAND CONTROLS
04/03/89	PO-11520-70229	09 BUSBY METAL INC.
04/03/89	PO-11531-70223	03 BOSTON COPPER CORP.
04/06/89	PO-11532-70224	04 CONTROL CABLE INC.
04/04/89	PO-11536-70229	09 CONCURRENT COMPUTER CORP.
04/06/89	PO-11548-70222	02 OMEGA ENGINEERING
04/06/89	PO-11550-70229	09 MCMASTER-CARR SUPPLY CO.
04/06/89	PO-11551-70222	02 PILGRIM INSTRUMENT AND CONTROLS, INC.
04/06/89	PO-11552-702211	11 HOLYOKE VALVE
04/10/89	PO-11558-70229	09 STEPHENS PRECISION, INC.
04/11/89	PO-11559-702211	11 E. CLARK AND ASSOCIATES
04/12/89	PO-11569-702211	11 HOLYOKE VALVE INC.
04/12/89	PO-11577-702211	11 CONAX CORPORATION
04/19/89	PO-11603-702211	11 ALLOY PIPE AND FITTING INTERNATIONAL CORP.
04/20/89	PO-11613-70229	09 HITEC CORP.
04/20/89	PO-11614-70229	09 HITEC CORPORATION
04/25/89	PO-11634-702211	11 OMEGA ENGINEERING
04/25/89	PO-11636-702211	11 GERBER ELECTRONICS
04/25/89	PO-11642-702211	11 SAGER ELECTRICAL SUPPLY CO.
04/25/89	PO-11645-702211	11 ROSEMOUNT
04/25/89	PO-11646-70229	09 HELENOR INDUSTRIES, INC.
04/26/89	PO-11655-702211	11 CONAX CORP.
04/26/89	PO-11657-702211	11 PILGRIM INSTRUMENT AND CONTROLS INC.
04/28/89	PO-11671-70229	09 CONCURRENT COMPUTER CORP.
05/10/89	PO-11715-70229	09 GERBER ELECTRONICS
05/10/89	PO-11726-702212	12 EG AND G IDAHO, INC.
05/10/89	PO-11727-702212	12 EG AND G IDAHO, INC.
05/10/89	PO-11730-70222	02 HARBOR TOOL SUPPLY CO.
05-12-89	PO-11733-70222	02 NEWARK ELECTRONICS
05/12/89	PO-11742-70229	09 TWIN STATE SALES

February 19, 1991 at 4:04 p.m.

Page 50

DATE	ID	TA TITLE
05/12/89	PO-11744-70222	02 HOLYOKE VALVE INC.
05/16/89	PO-11752-702211	11 PROCESS INSTRUMENTATION, INC.
05/22/89	PO-11787-70229	09 NEWARK ELECTRONICS
05/24/89	PO-11790-702211	11 HOLYOKE VALVE IND.
05/26/89	PO-11816-70222	02 MCMASTER-CARR SUPPLY CO.
06/05/89	PO-11842-70222	02 CONAX CORP.
06/08/89	PO-11858-70229	09 VITA NEEDLE
06/08/89	PO-11865-70229	09 HITEC CORPORATION
06/09/89	PO-11887-70222	02 KOCH ENGR. CO. INC.
06/28/89	PO-11889-70229	09 HITEC CORPORATION
06/14/89	PO-11908-70222	02 HOLYOKE VALVE INC.
06/14/89	PO-11909-70229	09 HARDINGE BROTHERS INC.
06/14/89	PO-11914-70229	09 HITEC CORPORATION
06/20/89	PO-11935-70229	09 LSI ELECTRONICS
06/23/89	PO-11967-70229	09 BLUE MOUNTAIN MACHINE CO.
06/27/89	PO-11980-70229	09 CONCURRENT COMPUTER CORP.
06/29/89	PO-11998-70229	09 HARDINGE BROTHERS INC.
07/10/89	PO-12013-702211	11 LONGHILL ELECTRO-TECH
07/05/89	PO-12019-70222	02 LARCO CORPORATION
07/07/89	PO-12031-70229	09 CONCURRENT COMPUTER CANADA, INC.
07/07/89	PO-12038-70229	09 HITEC CORPORATION
07/10/89	PO-12046-70222	02 MCMASTER-CARR SUPPLY CO.
07/11/89	PO-12057-70229	09 CONCURRENT COMPUTER CORPORATION
07/12/89	PO-12069-702211	11 KENNEBECK SUPPLY CORPORATION
07/13/89	PO-12074-70222	02 ARROW ELECTRONICS
07/13/89	PO-12080-702211	11 EDGCOMB METALS
07/18/89	PO-12100-70229	09 ARROW ELECTRONICS , INC.
07/31/89	PO-12160-702211	11 EDGCOMB METALS
08/01/89	PO-12167-70229	09 ROSEMOUNT
08/03/89	PO-12184-702211	11 SAGER ELECTRONICS
08/08/89	PO-12188-70222	02 MCMASTER-CARR SUPPLY CO.
08/03/89	PO-12190-702211	11 THOMAS SCIENTIFIC
06/07/89	PO-3825-70222	02 STERN LABORATORIES
07/27/89	PO-3865-70222	02 STERN LABS
08/11/89	PO-3875-70222	02 STERN LAB
10/11/89	PO-3921-70229	09 STERN LABORATORIES INC.

February 19, 1991 at 4:04 p.m.

Page 51

DATE	ID	TA TITLE
11/27/89	PO-3972-70222	02 STERN LABORATORIES, INC.
00/00/00	PO-SHIPPING	06 SHIPPING PAPERS
07/31/87	PRO-8707-01	06 EXP. INV. OF NUCLEATE BOILING P-1282 RGS/JAB
09/08/87	PRO-8709-01	06 COST DETAIL FOR DUPONT RFQ 87-45 DLK
11/02/87	PRO-8711-01	06 DRAFT RFP NOTE RGS
11/06/88	PRO-8711-02	06 DUPONT RFP
11/19/88	PRO-8711-03	06 MODIFICATION TO SCOPE OF WORK 11/19/87
12/03/87	PRO-8712-01	06 PROPOSAL 1305 IN RESP. TO RFQ-721102, SUPPLEMENT 1
12/23/87	PRO-8712-02	06 P-1305 REV A 12/23/87
01/13/88	PRO-8801-01	06 DUPONT REVISION TO P-1305 REV A C. ROSS
01/19/88	PRO-8801-02	06 EXCEPTIONS TO DUPONT MODIFICATIONS P-1305 REV. A RGS
01/21/88	PRO-8801-03	06 DUPONT SUGGESTED REVISIONS TO P-1305 REV. A LETTER SUBCONTRACT
11/14/88	PRO-8811-01	06 P-1305C NUCLEATE BOILING PRESS. DROP IN ANNULI REV. C 11/14/88
07/20/89	PRO-8907-01	06 NUCLEATE BOILING PRESSURE DROP IN ANNULI P-1305P
09/30/88	QA-8709-01	03 QA REQ. FOR THE PLUTO PROJECT SSS
10/20/87	QA-8710-01	06 QA WORK REQUIREMENTS FOR LEVEL 1 PROCUREMENT SSS
10/27/87	QA-8710-02	06 LOCA LIMITS PROJECT QA MANUAL (IN DRAFT)
11/00/87	QA-8711-01	06 SUPPLIER QUALITY PROGRAM REQUIREMENTS
12/01/87	QA-8712-01	06 SOFTWARE QUALITY PROGRAM
12/18/87	QA-8712-02	06 LOCA LIMITS QA MANUAL
03/11/88	QA-8803-01	06 SAVANNAH RIVER SUPPLIER INFORMATION FORM
07/12/88	QA-8807-01	06 SUPPLIER QUALITY SYSTEM SURVEY SSS
08/00/88	QA-8808-01	06 QUALITY ASSURANCE PROGRAM (REVISION 0) SSS
09/30/88	QA-8809-01	06 SUPPLIER QUALITY SYSTEM SURVEY SSS
10/10/88	QA-8810-01	07 PLUTO PROJ. AUDIT CHECKLIST SSS
07/23/87	TC-8707-01	06 RGS TO B. JOHNSTON CONTRACT AWARD
07/30/87	TC-8707-02	06 RGS TO B. JOHNSTON DISCUSSED ANNULI, HEAT FLUX. EXT TESTING
08/07/87	TC-8708-01	06 RGS TO D. GARRETT SCHEDULE RESPONSIVE PROPOSALS ISSUE ADDENDUM
08/19/87	TC-8708-02	06 RGS TO D. GARRETT SCH. RESP. PROPS.
08/19/87	TC-8708-03	06 RGS TO B. JOHNSTON SETUP TRAVEL
08/22/87	TC-8708-04	06 RGS TO C. ROSS SET UP NEXT MTG, P.R. SCHEDULE
08/27/87	TC-8708-05	06 RGS TO B. JOHNSTON ANNULUS BOILING PROBLEM
09/03/87	TC-8709-01	06 RGS TO B. JOHNSTON APPROVE ORIG. PROPOSAL
09/15/87	TC-8709-02	06 RGS TO B. JOHNSTON CONTRACTS
09/16/87	TC-8709-03	01 RGS TO B. JOHNSTON DIMENSIONS OF THE TUBES
09/18/87	TC-8709-04	01 RGS TO B. JOHNSTON SHIPPING TUBES, DISSOLVED GAS, QA SPECS

February 19, 1991 at 4:04 p.m.

Page 52

DATE	ID	TA	TITLE
09/18/87	TC-8709-05	06	RGS TO B. JOHNSTON SHIPPING 3 SETS OF ANNULI
09/25/87	TC-8709-06	01	MHH TO H. IHLE REQ. QUOTE FOR HEAT EXCHANGER
09/30/87	TC-8709-07	01	MHH TO H. IHLE HEAT EXCHANGER QUOTE
09/30/87	TC-8709-08	06	RGS TO B. JOHNSTON CONTRACT STATUS. HELIUM CONTENT, COST SCH.
09/30/87	TC-8709-09	06	RGS TO B. JOHNSTON CONTRACT HELD UP BY QA
10/13/87	TC-8710-01	06	RGS TO B. JOHNSTON CONTRACT
10/15/87	TC-8710-02	06	DLK TO D. GARRETT'S SEC. DUPONT CONTRACT
10/20/87	TC-8710-03	06	RGS TO B. JOHNSTON CONTRACT/HELD BY DOE TECH. PEOPLE
10/21/87	TC-8710-04	07	RGS TO B. JOHNSTON DOE MTG REGARDING CONTRACT
10/23/87	TC-8710-05	01	MHH TO D. SHARON TREPANNING CAPABILITY FOR FAB. OF OUTER SHELL
10/26/87	TC-8710-06	06	RGS TO D. GARRETT DOE PROBLEMS WITH STATEMENT OF WORK
10/23/87	TC-8710-07	06	RGS TO B. JOHNSTON VISIT 11/10
10/29/88	TC-8710-08	01	MHH TO B. DUNCAN REQ. UPDATE ON HEATER DESIGN
10/29/87	TC-8710-09	06	RGS TO D. GARRETT LETTER CONTRACT
10/30/87	TC-8710-10	06	RGS TO B. JOHNSTON FAX NEW SOW TO RGS
11/03/87	TC-8711-01	06	JAB TO D. GARRETT LETTER CONTRACT IN THE MAIL
11/04/87	TC-8711-02	01	MHH TO J. ALDERMAN REQ. STATUS OF HEATER DESIGN
11/05/87	TC-8711-03	06	RGS TO B. JOHNSTON DISCUSS INSTRUMENT & DAS PACKAGE
11/11/87	TC-8711-04	01	SSS TO D. GARRETT PLUTO QA REQUIREMENTS
11/23/87	TC-8711-05	01	MHH TO B. DUNCAN REQ. HEATER DESIGN UPDATE
11/23/87	TC-8711-06	01	MHH TO B. DUNCAN REQ. HEATER DESIGN UPDATE
11/23/87	TC-8711-07	01	MHH TO D. GRAY REQ. HELP EXPEDITING DESIGN WORK AT WATLOW
11/25/87	TC-8711-08	01	MHH TO B. DUNCAN OD HEATER DESIGN IS NOT ACCEPTABLE
11/25/87	TC-8711-09	06	MHH TO J. GEZZER QUOTE FOR BOOST PUMP
11/25/87	TC-8711-10	06	RGS TO B. JOHNSTON JAB SHOULD GET CC LETTER
11/30/87	TC-8711-11	01	MHH TO D. BAGLEY REQ. ESTIMATE ON MOYNO PUMP
11/30/87	TC-8711-12	01	MHH TO D. VINES REQ. BUDGET ESTIMATE FOR TANKS FAB.
11/30/87	TC-8711-13	01	MHH TO J. LESKL HEATER QUESTION
11/30/87	TC-8711-14	01	MHH TO D. GRAY FEASIBLE DESIGN FOR THE OD HEATERS
12/02/87	TC-8712-01	01	MHH TO J. LESKL GEN. OUTPUT VOLTAGE CAN BE REDUCED
12/02/87	TC-8712-02	01	MHH TO B. DUNCAN ASKED IF OD HEATER HEAT FLUX COULD BE REDUCED
12/04/87	TC-8712-03	01	MHH TO H. IHLE REQ. NEW HEAT EXCH. QUOTE
12/08/87	TC-8712-04	01	MHH TO J. LESKL NOISE LEVEL FOR 1400 KW QUESTION
12/15/87	TC-8712-05	01	MHH TO D. GRAY UPDATE ON HEATER DESIGN
12/10/87	TC-8712-06	06	RGS TO B. JOHNSTON MEETING DRAGGED...
12/01/87	TC-8712-07	01	MHH TO H. IHLE INFO. ON HEAT EXCHANGER

February 19, 1991 at 4:04 p.m.

Page 53

DATE	ID	TA	TITLE
12/22/87	TC-8712-08	06	RGS TO C. ROSS WANTED TO KNOW STATUS OF FED. EXP. PROPOSAL
12/29/87	TC-8712-09	01	MHH TO D. GRAY RESOLVED OD HEATER DESIGN TO SUPPLY 860 W/IN2
12/30/87	TC-8712-10	06	RGS TO C. ROSS PROP. REVIEW, TEST PLAN, FLOW VELOCITY
12/31/87	TC-8712-11	06	RGS TO C. ROSS INVOICE MAILED 12/23
12/31/87	TC-8712-12	06	RGS TO C. ROSS PROPOSAL REVIEW AND REVISION
01/05/88	TC-8801-01	06	RGS TO D. GARRETT FEE ON LETTER CONTRACT
01/06/88	TC-8801-02	06	RGS TO C. ROSS LETTER SUBCONTRACT SCHEDULE EXTENSION
01/11/88	TC-8801-03	06	RGS TO C. ROSS ACHIEVE 18FT IN LARGE ANNULUS/25 FT IN SMALL ANNU
01/14/88	TC-8801-04	01	MHH TO H. IHLE REQUESTED UPDATE ON HEAT EXCHANGER
01/15/88	TC-8801-05	06	RGS TO C. ROSS DISCUSSED 1/14/88 TELECOPY
01/20/88	TC-8801-06	06	RGS TO C. ROSS MODIFICATIONS TO TELECOPY 1/14/88
01/20/88	TC-8801-07	01	MHH TO B. DUNCAN REVISED DESIGN IS COMPLETE
01/22/88	TC-8801-08	06	RGS TO C. ROSS DISCUSSED NEXT MEETING 2/2, 11, 22 ?
01/25/88	TC-8801-09	01	MHH TO J. ALDERMAN QUESTIONS REGARDING WATLOWS DRAWING SK3411
01/26/87	TC-8801-10	02	MHH TO B. KAFKA 4 MW DIESEL GEN
01/26/88	TC-8801-11	06	RGS TO C. ROSS TEST PLAN, QA UNDER REVIEW, REQ. OF ADD. \$
01/28/88	TC-8801-12	01	MHH TO D. HOLMES RERUN OF 10-28-87 DISCUSSION
01/29/88	TC-8801-13	06	JAB TO C. ROSS EXT. ON FUNDS
02/01/88	TC-8802-01	01	MHH TO D. HOLMES GRANITE STATE TO SUPPLY 3.5 MW
02/01/88	TC-8802-02	06	RGS TO C. ROSS GO AHEAD WITH POWER CONSULTANT/ SUPPLIERS LIST OK
02/02/88	TC-8802-03	01	MHH TO J. ALDERMAN NEED ALTERNATIVE TO MGO FOR INSUL.
02/05/88	TC-8802-04	06	RGS TO B. JOHNSTON VISIT ON 2/23 PROJECT MTG. FL DEMO
02/08/88	TC-8802-05	06	RGS TO C. ROSS CONTRACT EXPIRATION
02/08/88	TC-8802-06	06	RGS TO C. ROSS DOE TO RESPOND TO EXTENSION THIS WEEK
02/09/88	TC-8802-07	01	MHH TO J. ALDERMAN INVESTIGATE NICHROME TO CU BRAZING
02/10/88	TC-8802-08	01	MHH TO J. ALDERMAN BEST BN GRADE IS HBC
02/11/88	TC-8802-09	06	RGS TO C. ROSS LETTER SUBCONTRACT EXT. HAS BEEN APPROVED
02/16/88	TC-8802-10	01	MHH TO D. HOLMES RESPONSE TO 2/11/88 MTG AT GRANITE STATE
02/17/88	TC-8802-11	06	RGS TO C. ROSS DISCUSS 2/23 MTG.
02/17/88	TC-8802-12	01	FRL TO B. KAFKA INFO THE SND RATG OF QTD DIESEL ELEC GENERATOR
02/18/88	TC-8802-13	01	MHH TO J. ALDERMAN DESIGN APPROACH WITH J. MELLY
02/19/88	TC-8802-14	06	RGS TO C. ROSS WANTED TO KNOW EXP. THROUGH FEB
02/26/88	TC-8802-15	01	MHH TO D. BANDY GOODYEAR PLANT WATER SITUATION
02/29/88	TC-8802-16	01	MHH TO H. IHLE QUESTION ON 1/15/88 QUOTE
02/29/88	TC-8802-17	01	MHH TO D. OSGOOD POWER CONTROLLERS
03/07/88	TC-8803-01	01	MHH TO J. ALDERMAN WATLOW DROP THE PROJECT

DATE	ID	TA	TITLE
03/07/88	TC-8803-02	06	RGS TO C. NASH CONCERNED ABOUT B&W FACILITY
03/08/88	TC-8803-03	01	MHH TO E. HOYT QUESTION ABOUT RAMA HEATERS
03/08/88	TC-8803-04	06	RGS TO C. ROSS EXPLAINED WATLOW WILL NOT DO PROJECT
03/09/88	TC-8803-05	01	MHH TO D. MACKENZIE MTG AT ARI
03/09/88	TC-8803-06	01	MHH TO E. HOYT DISCUSS MEETING SCHEDULE
03/11/88	TC-8803-07	06	RGS TO C. ROSS EXPLAINED HEATER VENDOR STATUS
03/15/88	TC-8803-08	06	RGS TO C. ROSS ANALYSIS PRESENTATIONS BY OTHER SUBCONTRACTORS
03/16/88	TC-8803-09	07	SSS TO A. GARRETT DRF ON MICROFILM END OF PROJ.
03/17/88	TC-8803-10	01	MHH TO W. TOWNSEND PROPOSED METHOD OF MONITORING ELEC PWR IS OK
03/18/88	TC-8803-11	06	RGS TO C. ROSS DISCUSSION OF 3/29-30 MEETING
03/22/88	TC-8803-12	01	MHH TO E. HOYT RAMA IS INTERESTED IN PURSUING OUR HEATING NEEDS
03/23/88	TC-8803-13	01	MHH TO J. SCHMIDT TEST SET-UP AT GOODYEAR
03/23/88	TC-8803-14	01	MHH TO D. GUERTIN SEND FORMS FOR ZONING PERMIT APPLICATION
03/23/88	TC-8803-15	01	MHH TO C. ROSS INFORMED ROSS OF RAMA'S INTEREST IN PURSUING HEATER PROD
03/25/88	TC-8803-16	01	MHH TO B. BOWERSOX INDEECO DECLINES TO CONSIDER BUILDING HEATERS
03/25/88	TC-8803-17	01	MHH TO E. HOYT RAMA CAN RESPOND TO A 2 PART FIXED PRICE
03/25/88	TC-8803-18	01	MHH TO C. ROSS CHUCK HAS HELD ADD DISCUSSIONS WITH CONTRACTS PEOP
03/28/88	TC-8803-19	06	RGS TO C. ROSS COST PLUS CONTRACT WITH RAMA
04/04/88	TC-8804-01	01	MHH TO E. HOYT HAS RECEIVED REQUEST
04/05/88	TC-8804-02	06	RGS TO C. ROSS RGS EXPLAINED 4/4 CONVERSATION BETWEEN MHH/E.HOYT
04/07/88	TC-8804-03	01	MHH TO D. MACKENZIE OKAZAKI IS INTERESTED IN BUILDING OUR HEATERS
04/08/88	TC-8804-04	01	MHH TO D. BURTON ORNL NO LONGER DOES HEATER FABRICATION
04/08/88	TC-8804-05	01	MHH TO R. MCCULLOUGH REG IS A CONSL TO SRL ON THE REACTOR PROBLEM
04/11/88	TC-8804-06	01	RGS TO C. ROSS DISCUSSED HEATER ALTERNATIVES
04/13/88	TC-8804-07	06	RGS TO B. JOHNSTON RESPOND TO REQ. FOR COMMENTS ON TRIP REPORT
04/13/88	TC-8804-08	01	MHH TO M. TUCHAKI REF. 2-10-88 QUOTE
04/15/88	TC-8804-09	07	SSS TO D. BURROWS QA PLAN ACCEPTED
04/15/88	TC-8804-10	01	MHH TO B. JOHNSTON & F. RHODE INNER HOUSING IS PRODUCED
04/15/88	TC-8804-11	01	RGS TO B. JOHNSTON DUMMY TUBES, CONTRACT X
04/15/88	TC-8804-12	01	MHH TO J. SCHMIDT AGY WANTS TO KNOW WHERE WE ARE, ACT, EFFLUENT
04/18/88	TC-8804-13	06	RGS TO C. ROSS CLAUSE X AGAIN
04/18/88	TC-8804-14	01	MHH TO W. TOWNSEND JR. DWANE BANDY HAS LOOKED AT GOODYEAR PLANT
04/18/88	TC-8804-15	01	MHH TO J. PORCELLI JIM ROGERS WILL WORK UP ESTIMATE
04/20/88	TC-8804-16	01	MHH TO W. TOWNSEND TOWN OF WINDSOR CHARGES A ONE TIME SEWER CONN
04/21/88	TC-8804-17	01	MHH TO E. HOYT SUB - 4-18 LETTER PROPOSAL
04/21/88	TC-8804-18	06	RGS TO C. ROSS ADDITIONAL FUNDS FOR RAMA

February 19, 1991 at 4:04 p.m.

Page 55

DATE	ID	TA	TITLE
04/22/88	TC-8804-19	01	RGS TO C. ROSS DISCUSSED RAMA'S RESPONSE
04/22/88	TC-8804-20	01	RGS TO B. JOHNSTON DISCUSSED DUMMY FUEL SAMPLES
04/25/88	TC-8804-21	06	JAB TO B. JOHNSTON DISCUSSED RAMA'S POSITION DOCUMENTED BY MHH
04/25/88	TC-8804-22	01	MHH TO E. HOYT NOT INTERESTED AT 10% PROFIT
04/28/88	TC-8804-23	01	MHH TO B. JOHNSTON C. ROSS IS WRITING JUSTIFICATION ARGUMENT
04/28/88	TC-8804-24	01	MHH TO G. HADALLER DESCRIBED HEATERS
04/28/88	TC-8804-25	01	MHH TO B. JOHNSTON BARRY WILL CHECK UP ON PHONE# FOR STERN LABS
04/29/88	TC-8804-26	01	MHH TO C. ROSS HOLD HEATER DECISION UNTIL STERN LAB REPLIES
05/04/88	TC-8805-01	06	RGS TO C. ROSS DISCUSSED: TEST PLAN, COSTING, MHH/STERN, CONTRACT
05/05/88	TC-8805-02	06	RGS TO C. ROSS RESPOND TO DELARODERIES REQ. FOR JUST.
05/05/88	TC-8805-03	01	MHH TO F. STERN TOLD FRANK 220V COST US \$50K ADD'L FOR PWR SUPPLY
05/06/88	TC-8805-04	01	MHH TO G. HADALLER TUBES WILL BE A91100 OR A98001 NOT A96303
05/06/88	TC-8805-05	01	MHH TO B. JOHNSTON HOTTER TUBES ARE A98001 COOLER ONES ARE A91100
05/09/88	TC-8805-06	01	MHH TO G. HADALLER DIMENSIONS FOR MK22 MID & OUTER ANNULI
05/10/88	TC-8805-07	01	MHH TO G. HADALLER QUES. OUTER WALL INSTRUMENT LOCATION
05/10/88	TC-8805-08	01	MHH TO B. JOHNSTON CONFIRMS THAT NO MK 16 TUBES ARE AVAILABLE
05/10/88	TC-8805-09	01	MHH TO D. OSGOOD GROUNDED NEUTRAL IS NOT A PROBLEM W/HEATER
05/11/88	TC-8805-10	01	RGS TO B. JOHNSTON MAXIMUM DUMMY LENGTH IS 17 FT
05/11/88	TC-8805-11	01	MHH TO G. HADALLER INFORMATION REQUEST
05/11/88	TC-8805-12	01	MHH TO D. OSGOOD CVPS HAS RAISED AN OBJECTION TO OUR CONNECTION
05/11/88	TC-8805-13	01	MHH TO S. FULLER BHC RBR FOR AREA
05/16/88	TC-8805-14	01	RGS TO B. JOHNSTON VELOCITY RANGE FOR MK-22 FUEL ASSEMBLY
05/16/88	TC-8805-15	01	MHH TO W. TOWNSEND JR. NO PROGRESS YET ON SEWER
05/16/88	TC-8805-16	01	MHH TO G. HADALLER CASTING IS OUT
05/17/88	TC-8805-17	06	RGS TO C. ROSS DISCUSSED HEATER STATUS
05/17/88	TC-8805-18	01	MHH TO D. OSGOOD DEAN HAS SPOKEN WITH POTENTIAL CONTROL SUPPLIER
05/18/88	TC-8805-19	01	MHH TO D. GRIFFITH COOLING TOWER QUOTE REQUEST
05/19/88	TC-8805-20	01	MHH TO G. HADALLER UPDATE ON HEATER DESIGN/QUOTE
05/20/88	TC-8805-21	01	MHH TO D. OSGOOD PER B. STILLSON THE HEAD ENG. AT CVPS ALLOW INSTA
05/24/88	TC-8805-22	06	RGS TO C. ROSS DISCUSSED MEETING (6/21) STERN HEATER SITUATION
05/24/88	TC-8805-23	01	MHH TO G. HADALLER QUOTE TO US THURSDAY 5/26 FAX
05/25/88	TC-8805-24	01	MHH TO E. HOYT WANTED UPDATE ON HIS PROPOSAL
05/25/88	TC-8805-25	01	MHH TO D. OSGOOD WILL PROVIDE POWER SCHEMATIC W/ROM & QQUOTES
05/26/88	TC-8805-26	01	MHH TO G. HADALLER STILL DO NOT HAVE EXTRUSION QUOTE
05/27/88	TC-8805-27	01	RGS TO G. HADALLER DISCUSSED TECHNICAL PROPOSAL
05/27/88	TC-8805-28	06	RGS TO C. ROSS COST ESTIMATE

February 19, 1991 at 4:04 p.m.

Page 56

DATE	ID	TA TITLE
05/27/88	TC-8805-29	06 RGS TO C. ROSS STATUS OF STERN PROPOSAL
05/31/88	TC-8805-30	01 MHH TO G. HADALLER QUESTIONS REGARDING 5-30-88 PROPOSAL
06/01/88	TC-8806-01	01 RGS TO C. ROSS DISCUSSED CONCERNS ABOUT STERN PROPOSAL
06/01/88	TC-8806-02	01 MHH TO G. HADALLER INQUIRD ABOUT POTNL FOR DOG TESTG IN THIER LAB
06/02/88	TC-8806-03	01 RGS TO C. ROSS STERN SCHEDULE WILL NEED TO BE SHORTENED
06/02/88	TC-8806-04	01 MHH TO G. HADALLER SUPERIOR TUBE OF NORTH TOWN, PA
06/03/88	TC-8806-05	06 RGS TO C. ROSS STERN'S RESPONSE TO SHORTEN SCHEDULE
06/03/88	TC-8806-06	01 MHH TO G. HADALLER TUBE SUPPLIER HAS INQUIRED OF SUPERIOR TUBE
06/07/88	TC-8806-07	01 MHH TO G. HADALLER SUPERIOR TUBE CAN IMPROVE DELIVERY 14-16 WKS
06/08/88	TC-8806-08	06 RGS TO C. ROSS NEED INFO. ON LOCAL LODGING
06/08/88	TC-8806-09	06 RGS TO C. ROSS SUPERIOR TO IMPROVE SCHEDULE BY 5 WKS.
06/08/88	TC-8806-10	01 MHH TO G. HADALLER CREARE WANTS REVISED COST PROPOSAL
06/10/88	TC-8806-11	01 MHH TO G. HADALLER CLARIFIECATION OF REVISED PROPOSAL
06/10/88	TC-8806-12	01 MHH TO F. STERN TUBING DELIVERY PREMIUM IS \$2000
06/13/88	TC-8806-13	01 RGS TO C. ROSS DELARODERIE EXTENDING LETTER SUBCONTRACT
06/13/88	TC-8806-14	01 MHH TO J. BUSH WILL SEND DIMENSION DRAWINGS FOR HEAT EXCHANGER
06/14/88	TC-8806-15	01 MHH TO H. IHLE HEAT EXCHANGERS WILL HAVE SHELL SIDE NOZZLES
06/14/88	TC-8806-16	01 MHH TO J. PORCELLI WILL GET US RESPONSE ON FLOW MIXERS BY FRIDAY
06/15/88	TC-8806-17	06 RGS TO C. ROSS SRL TO DISCUSS SCHEDULE & COSTING
06/17/88	TC-8806-18	06 RGS TO C. ROSS APPROVAL OF PURCHASE OF HEATER & OPTION 1
06/20/88	TC-8806-19	01 MHH TO J. PORCELLI DELTA P FOR FLOW MIXERS
06/22/88	TC-8806-20	01 MHH TO G. HADALLER VERIFICATION OF DATES
06/23/88	TC-8806-21	06 RGS TO L. PATRICK STERN APPROVAL LETTER QUESTIONABLE
06/23/88	TC-8806-22	01 MHH TO G. HADALLER DUPONT VISIT WD OF 7-11 OK WK OF 7-18 PWR OFF
06/24/88	TC-8806-23	01 MHH TO J. PORCELLI KOCH NO MODELING TECHNIQUE FOR VELOCITY
06/27/88	TC-8806-24	06 RGS TO L. PATRICK MEETING AT STERN LABS (7/12)
07/05/88	TC-8807-01	06 RGS TO L. PATRICK MEETING CONFIRMED FOR 7/12
07/07/88	TC-8807-02	08 RGS TO C. NASH INFO. SHARED ON MOHR VOID FRACTION INST.
07/07/88	TC-8807-03	06 RGS TO L. PATRICK SRL IS REVIEWING OUR FACILITY
07/08/88	TC-8807-04	01 MHH TO G. HADALLER CONFIRMED PLAN FOR MTG WITH DUPONT ON 7/12
07/13/88	TC-8807-05	06 RGS TO L. PATRICK FEEDBACK WITH STERN MTG.
07/13/88	TC-8807-06	01 MHH TO G. HADALLER COST FOR INTALLED TC IS \$250 EACH
07/14/88	TC-8807-07	01 RGS TO Z. QURESHI NEED INFO. ON EXTRUSION PROCESS
07/15/88	TC-8807-08	01 RGS TO Z. QURESHI DISCUSSED EXTRUSION INFO.
07/15/88	TC-8807-09	01 MHH TO G. HADALLER OUR REQST FOR 8001 ALLY EXTRUSION HAS RUN UP
07/18/88	TC-8807-10	01 RGS TO Z. QURESHI DISCUSSION ON OUTER EXTRUSION

February 19, 1991 at 4:04 p.m.

Page 57

DATE	ID	TA	TITLE
07/18/88	TC-8807-11	06	RGS TO L. PATRICK FINAL TEST PLAN REQUESTED
07/18/88	TC-8807-12	01	MHH TO G. HADALLER GAVE GORDON #'S OF SRL EXTRUSION
07/19/88	TC-8807-13	07	SSS TO L. PATRICK STERN QA CAPABILITIES
07/19/88	TC-8807-14	01	MHH TO G. HADALLER HEATER SHUT DOWN TIME APPROX. 0.2 SEC.
07/20/88	TC-8807-15	01	RGS TO Z. QURESHI DIFFERENCES IN EXTRUSION PROCESS
07/20/88	TC-8807-16	01	MHH TO L. BAKER COST FOR OUR WORK WILL BE \$800-\$1100 PER DRAWING
07/21/88	TC-8807-17	01	RGS TO G. HADALLER UPDATE ON EXTRUSION
07/21/88	TC-8807-18	08	RGS TO C. NASH VOID FRACTION DEMO MAY NOT OCCUR
07/25/88	TC-8807-19	01	RGS TO Z. QURESHI WELDABILITY OF 8001/5052 IS NO PROBLEM
07/25/88	TC-8807-20	06	RGS TO Z. QURESHI BRIEFED ON RESULTS OF TESTING
07/25/88	TC-8807-21	01	MHH TO G. HADALLER AGREED TO 2 DEGREE VARIATION FOR INSTR. LOC.
07/25/88	TC-8807-22	01	MHH TO G. HADALLER ALCOA SAYS NO!! TO 8001
07/25/88	TC-8807-23	01	MHH TO D. VINES ASKED BY AN UPDATE OF 2/8/88 TANK QUOTE
07/26/88	TC-8807-24	01	MHH TO G. HADALLER TOLD GORDON WE CAN USE 1/16 NPT FITTINGS
07/27/88	TC-8807-25	01	MHH TO G. HADALLER ALCOA WILL QUOTE EXTRUSIONS
07/28/88	TC-8807-26	01	MHH TO G. HADALLER ALCOA HAS DECLINED TO QUOTE 8001 EXTRUSIONS
07/29/88	TC-8807-27	01	RGS TO D. LEADER LOCATE THERMAL & MECH. PROPERTIES OF 8001 OF
07/29/88	TC-8807-28	06	RGS TO Z. QURESHI GSA DISCOUNTS. GO AHEAD TO ORDER 6063 EXTRU.
07/29/88	TC-8807-29	06	RGS TO Z. QURESHI 6063 EXTRUSION & SURFACE EXPERIMENTS
08/01/88	TC-8808-01	06	RGS TO L. PATRICK PROCEDURES FOR OBTAINING GSA DISCOUNT
08/02/88	TC-8808-02	01	MHH TO G. HADALLER DISCUSSED HEATER ASSY TEMP.
08/03/88	TC-8808-03	01	MHH TO G. HADALLER ALCOA CANNOT PRODUCE EXTRUSIONS W/INDIVD PROD
08/05/88	TC-8808-04	06	RGS TO L. PATRICK FACILITY ILLUSTRATIONS & VOID FRACTION REPORTS
08/08/88	TC-8808-05	01	RGS TO D. LEADER OPST REPORT AND DATA BOOK
08/09/88	TC-8808-06	01	RGS TO R. SAWALA WHAT CAN BE DONE WITH PARTIAL RIBS
08/12/88	TC-8808-07	01	RGS TO L. PATRICK WANTS AN 8001 EXTRUSION
08/12/88	TC-8808-08	01	MHH TO G. HADALLER GO WITH BN FOR OUTER HEATERS
08/15/88	TC-8808-09	01	MHH TO L. PATRICK OFFERED YOU THE NAMES AND #'S OF ALU.V. FOR 8001
08/15/88	TC-8808-10	01	MHH TO Z. QURESHI RETURNED CALL FOR RGS. REQSTD HEATER SAMPLE
08/17/88	TC-8808-11	01	MHH TO Z. QURESHI SRL HAS RUN INTO THE SAME DEAD END ON 8001
08/22/88	TC-8808-12	07	SSS TO L. PATRICK ANY PROBLEMS WITH QA SECTION OF NEW SOW.
08/26/88	TC-8808-13	06	RGS TO Z. QURESHI REQ. FOR PURCHASE APPROVAL FOR THERMOCOUPLE
08/26/88	TC-8808-14	06	RGS TO L. PATRICK REQ. CK. ON STATUS OF GSA LETTERS
08/29/88	TC-8808-15	08	FXD TO Z. QURESHI RESPONSE TO QUESTIONS OF OMEGA ENGINEERING
08/29/88	TC-8808-16	01	RGS TO Z. QURESHI EXTRUSION WASH/STEAM DRY PROCESS
08/30/88	TC-8808-17	01	MHH TO Z. QURESHI ZAFAR WILL PERSUE A WATER QUALITY STANDARD

February 19, 1991 at 4:04 p.m.

Page 58

DATE	ID	TA	TITLE
09/02/88	TC-8809-01	01	MHH TO Z. QURESHI ALU. TUBES ARE NEARING SHIPMENT
09/07/88	TC-8809-02	07	SSS TO L. PATRICK QA AUDIT SCHEDULED FOR 10/24
09/08/88	TC-8809-03	01	MHH TO G. HADALLER GORDON WILL SEND LATEST LAYOUT OF OUTER ASSY
09/12/88	TC-8809-04	07	SSS TO C. BRAUN QA AUDIT
09/14/88	TC-8809-05	01	MHH TO R. SAWALA ALCAN ANTICIPATES PROBLEMS WITH THE INTERNAL FIN
09/15/88	TC-8809-06	01	MHH TO Z. QURESHI REQUESTED PERMISSION TO INCREASE RIB THICKNESS
09/21/88	TC-8809-07	06	RGS TO L. PATRICK WISH GOOD LUCK
09/23/88	TC-8809-08	01	MHH TO G. HADALLER ACKNOWLEDGED RECEIPT OF HEATER
09/26/88	TC-8809-09	01	MHH TO G. HADALLER PWR CTRL COMPUTER CAN DO RATE OF CHANGE FLOW
10/07/88	TC-8810-01	01	MHH TO G. HADALLER HEIGHT ALLOWABLE 27' 11 1/2' TO BRIDGE
10/10/88	TC-8810-02	08	FXD TO Z. QURESHI VOID FRACTION MEASUREMENTS
10/11/88	TC-8810-03	08	FXD TO Z. QURESHI INNER WALL THERMOCOUPLES
10/20/88	TC-8810-04	01	MHH TO G. HADALLER 2-EA EXTRUSIONS HAVE BEEN ORDERED
10/24/88	TC-8810-05	01	MHH TO G. HADALLER G. CONFIRMS THAT 6-ZONE PWR SUPPLY CAN BE CONN
11/01/88	TC-8811-01	01	MHH TO Z. QURESHI ALU. TUBES FOR STERN WERE DAMAGED IN SHIPPING
11/10/88	TC-8811-02	06	FXD TO C. NASH INFO. CONDUCT PROBE DEV., COL. TESTING, D. MUHLBAI
11/16/88	TC-8811-03	01	MHH TO Z. QURESHI SRL WANTS TO VISIT CREARE 11/29/88 AM
11/16/88	TC-8811-04	01	MHH TO Z. QURESHI NEW EXTRUDED TUBES ARE SHORT ABOUT 16'
11/17/88	TC-8811-05	04	JAB TO Z. QURESHI MEETING NOV. 29, 1988, NEW BOSS-DAVE MUHLBAIER
12/07/88	TC-8812-01	07	FXD TO E. SCHILCH CALIBRATION TOLERANCES
12/08/88	TC-8812-02	02	FXD TO Z. QURESHI DUPONT REQUEST. WE MONITOR & CONTROL PH
12/08/88	TC-8812-03	02	FXD TO Z. QURESHI COST & SCHEDULE IMPACT OF OBTAINING ADD ANN.
12/14/88	TC-8812-04	02	FXD TO Z. QURESHI QUEST CONCERNING REQUEST TO MONITOR PH COOLANT
12/14/88	TC-8812-05	02	MHH TO Z. QURESHI OK TO PRODUCE 8 EXTRUSIONS OF EACH SIZE
12/15/88	TC-8812-06	01	MHH TO G. HADALLER PROCEED TO MAKE ABOUT 8 EA CUSTOM EXTRUSIONS
01/18/89	TC-8901-01	02	MHH TO G. HADALLER ALCAN'S RECENT TRIAL EXTRUSION
01/23/89	TC-8901-02	01	FXD TO Z. QURESHI IN REGARD TO LETTER DESC. MEANS COSTS CRATER
01/23/89	TC-8901-03	02	MHH TO G. HADALLER APPROVED FABRICATION OF THE GAGE ASSY
01/23/89	TC-8901-04	01	MHH TO Z. QURESHI UPDATED HIM ON STERN'S MATERIAL TESTS
02/22/89	TC-8902-01	01	MHH TO G. HADALLER STATUS UPDATE HEATER FINAL INSP 2/23
04/24/89	TC-8904-01	02	MHH TO G. HADALLER LARGE ANNULUS EXTRUSIONS - ALCAN
05/01/89	TC-8905-01	01	MHH TO Z. QURESHI APRVS THE USE OF A 6061 COMMERCIAL DRWN TUBE
06/02/89	TC-8906-01	06	FXD TO Z. QURESHI ABOUT ZQ AND BP VISITING STERN LABS ON JUNE 20
07/17/89	TC-8907-01	06	MHH TO H. IHLE ONTARIO REGISTRATION OF HEAT EXCHANGER
08/23/89	TC-8908-01	07	DEM TO L. MCLEAN RECEIVABLE COLLECTIONS
09/06/89	TC-8909-01	01	MHH TO G. HADALLER SIDE LOADING OF THE OUTER EXTRUSION

February 19, 1991 at 4:04 p.m.

Page 59

DATE	ID	TA	TITLE
11/21/89	TC-8911-01	04	FXD TO G. HADALLER INNER HEATER REPAIR
12/12/89	TC-8912-01	04	FXD TO Z. QURESHI INFORMED US OF RECOVERY OF NON-RIBBED ANNULUS
12/19/89	TC-8912-02	04	FXD TO Z. QURESHI Z. HAS RECEIVED OUR RECENT LETTER
01/12/90	TC-9001-01	08	RGS TO R. SAWALA HELICOIL INSERTS W/GRAFOIL PACKING
01/15/90	TC-9001-02	04	FXD TO Z. QURESHI Z. CALLED TO GET STATUS RPT. ON TEST FACILITY
04/02/90	TC-9004-01	05	CJC TO K. BARBOUR KEN WILL BE ANALYZING CREARE DATA
04/03/90	TC-9004-02	05	FXD TO K. BARBOUR DISCREPANCIES IN CALCULATED STANTON AND PECLET
05/14/90	TC-9005-01	04	JAB TO Z. QURESHI DISCUSSED HEATER FAILURE ON ANN TEST SECTION
06/07/90	TC-9006-01	06	CJC TO R. MILLER MILLER WORKING W/D-FILES FOR RIBLESS GEOMETRY
06/11/90	TC-9006-02	06	CJC TO R. MILLER SUGGEST USE CREARE FORTRAN
07/20/90	TC-9007-01	06	FXD TO Z. QURESHI DISCUSS PLANS FOR TESTING RIBBED ANNULUS GEO
09/18/90	TC-9009-01	06	FXD TO Z. QURESHI PRELIMINARY DATA
02/07/91	TC-9102-01	06	FXD TO Z. QURESHI QURESHI CALLED NEW INFO ABOUT POSSIBLE MEETING
02/11/91	TC-9102-02	06	FXD TO B. PAGETT DEFINITELY WANT SOMEONE PRESENT AT STERN LABS
02/12/91	TC-9102-03	06	RGS TO G. HADALLER MOVING TEST FAC INSTRU RACK & CONTROL PANEL
11/13/89	TDF-8911-01	06	NOV13_01
11/13/89	TDF-8911-02	06	NOV13_02
11/13/89	TDF-8911-03	06	NOV13_03
11/13/89	TDF-8911-04	06	NOV13_04
11/13/89	TDF-8911-05	06	NOV13_05
11/13/89	TDF-8911-06	06	NOV13_06
11/13/89	TDF-8911-07	06	NOV13_07
11/13/89	TDF-8911-08	06	NOV13_08
11/13/89	TDF-8911-09	06	NOV13_09
11/13/89	TDF-8911-10	06	NOV13_10
11/13/89	TDF-8911-11	06	NOV13_11
11/13/89	TDF-8911-12	06	NOV13_12
11/13/89	TDF-8911-13	06	NOV13_13
11/13/89	TDF-8911-14	06	NOV13_14
11/13/89	TDF-8911-15	06	NOV13_15
11/13/89	TDF-8911-16	06	NOV13_16
11/13/89	TDF-8911-17	06	NOV13_17
11/13/89	TDF-8911-18	06	NOV13_18
11/13/89	TDF-8911-19	06	NOV13_19
11/14/89	TDF-8911-20	06	NOV14_01
11/14/89	TDF-8911-21	06	NOV14_02

February 19, 1991 at 4:04 p.m.

Page 60

DATE	ID	TA	TITLE
11/14/89	TDF-8911-22	06	NOV14_03
11/14/89	TDF-8911-23	06	NOV14_04
11/14/89	TDF-8911-24	06	NOV14_05
11/14/89	TDF-8911-25	06	NOV14_06
11/14/89	TDF-8911-26	C6	NOV14_07
11/14/89	TDF-8911-27	06	NOV14_08
11/14/89	TDF-8911-28	06	NOV14_09
11/14/89	TDF-8911-29	06	NOV14_10
11/14/89	TDF-8911-30	06	NOV14_11
11/14/89	TDF-8911-31	06	NOV14_12
11/14/89	TDF-8911-32	06	NOV14_13
11/14/89	TDF-8911-33	06	NOV14_14
11/14/89	TDF-8911-34	06	NOV14_15
11/15/89	TDF-8911-35	06	NOV15_01
01/30/90	TDF-9001-01	06	JAN30_01-JAN30_10
01/31/90	TDF-9001-02	06	JAN31_01-JAN31_24
02/01/90	TDF-9002-01	06	FEB01_01
02/01/90	TDF-9002-02	06	FEB01_02
02/01/90	TDF-9002-03	06	FEB01_03
02/01/90	TDF-9002-04	06	FEB01_04
02/01/90	TDF-9002-05	06	FEB01_05
02/01/90	TDF-9002-06	06	FEB01_06
02/01/90	TDF-9002-07	06	FEB01_07
02/01/90	TDF-9002-08	06	FEB01_08
02/01/90	TDF-9002-09	06	FEB01_09
02/01/90	TDF-9002-10	06	FEB01_10
02/01/90	TDF-9002-11	06	FEB01_11
02/05/90	TDF-9002-12	06	FEB05_01
02/05/90	TDF-9002-13	06	FEB05_02
02/05/90	TDF-9002-14	06	FEB05_03
02/05/90	TDF-9002-15	06	FEB05_04
02/05/90	TDF-9002-16	06	FEB05_05
02/05/90	TDF-9002-17	06	FEB05_06
02/05/90	TDF-9002-18	06	FEB05_07
02/05/90	TDF-9002-19	06	FEB05_08
02/05/90	TDF-9002-20	06	FEB05_09

February 19, 1991 at 4:04 p.m.

Page 61

DATE	ID	TA	TITLE
02/05/90	TDF-9002-21	06	FEB05_10
02/05/90	TDF-9002-22	06	FEB05_11
02/05/90	TDF-9002-23	06	FEB05_12
02/05/90	TDF-9002-24	06	FEB05_13
02/05/90	TDF-9002-25	06	FEB05_14
02/05/90	TDF-9002-26	06	FEB05_15
02/06/90	TDF-9002-27	06	FEB06_01
02/06/90	TDF-9002-28	06	FEB06_02
02/06/90	TDF-9002-29	06	FEB06_03
02/06/90	TDF-9002-30	06	FEB06_04
02/06/90	TDF-9002-31	06	FEB06_05
02/06/90	TDF-9002-32	06	FEB06_06
02/06/90	TDF-9002-33	06	FEB06_07
02/06/90	TDF-9002-34	06	FEB06_08
02/06/90	TDF-9002-35	06	FEB06_09
02/06/90	TDF-9002-36	06	FEB06_10
02/06/90	TDF-9002-37	06	FEB06_11
02/07/90	TDF-9002-38	06	FEB07_01
02/08/90	TDF-9002-39	06	FEB08_01
02/08/90	TDF-9002-40	06	FEB08_02
02/08/90	TDF-9002-41	06	FEB08_03
02/08/90	TDF-9002-42	06	FEB08_04
02/08/90	TDF-9002-43	06	FEB08_05
02/08/90	TDF-9002-44	06	FEB08_06
02/08/90	TDF-9002-45	06	FEB08_07
02/08/90	TDF-9002-46	06	FEB08_08
02/08/90	TDF-9002-47	06	FEB08_09
02/08/90	TDF-9002-48	06	FEB08_10
02/08/90	TDF-9002-49	06	FEB08_11
02/09/90	TDF-9002-50	06	FEB09_01
02/09/90	TDF-9002-51	06	FEB09_02
02/09/90	TDF-9002-52	06	FEB09_03
05/01/90	TDF-9005-01	06	MAY01_01 THRU 18
05/02/90	TDF-9005-02	06	MAY02_01 THRU 10
05/02/90	TDF-9005-03	06	MAY02_11 THRU 14, 16
05/03/90	TDF-9005-04	06	MAY03_01 THRU 10

February 19, 1991 at 4:04 p.m.

Page 62

DATE	ID	TA	TITLE
05/03/90	TDF-9005-05	06	MAY03_11
05/03/90	TDF-9005-06	06	MAY03_12
05/03/90	TDF-9005-07	06	MAY03_13
05/03/90	TDF-9005-08	06	MAY03_14
05/03/90	TDF-9005-09	06	MAY03_15
05/03/90	TDF-9005-10	06	MAY03_16
05/03/90	TDF-9005-11	06	MAY03_17
05/03/90	TDF-9005-12	06	MAY03_18
05/03/90	TDF-9005-13	06	MAY03_19
05/03/90	TDF-9005-14	06	MAY03_20
05/03/90	TDF-9005-15	06	MAY03_21
05/03/90	TDF-9005-16	06	MAY03_22
05/07/90	TDF-9005-17	06	MAY07_01
05/07/90	TDF-9005-18	06	MAY07_02
05/07/90	TDF-9005-19	06	MAY07_03
05/07/90	TDF-9005-20	06	MAY07_04
05/07/90	TDF-9005-21	06	MAY07_05
05/07/90	TDF-9005-22	06	MAY07_06
05/07/90	TDF-9005-23	06	MAY07_07
05/07/90	TDF-9005-24	06	MAY07_08
05/07/90	TDF-9005-25	06	MAY07_09
05/07/90	TDF-9005-26	06	MAY07_10
05/08/90	TDF-9005-27	06	MAY08_01
05/08/90	TDF-9005-28	06	MAY08_02
05/08/90	TDF-9005-29	06	MAY08_03
05/08/90	TDF-9005-30	06	MAY08_04
05/08/90	TDF-9005-31	06	MAY08_05
05/08/90	TDF-9005-32	06	MAY08_06
05/08/90	TDF-9005-33	06	MAY08_07
05/08/90	TDF-9005-34	06	MAY08_08
05/08/90	TDF-9005-35	06	MAY08_09
05/09/90	TDF-9005-36	06	MAY09_01 NOT PERFORMED
05/10/90	TDF-9005-37	06	MAY10_01
07/31/90	TDF-9007-01	06	JUL31_01 TO JUL31_23
07/31/90	TDF-9007-02	06	JUL31_24 TO JUL31_27
08/01/90	TDF-9008-01	06	AUG01_01

February 19, 1991 at 4:04 p.m.

Page 63

DATE	ID	TA TITLE
08/01/90	TDF-9008-02	06 AUG01_02
08/01/90	TDF-9008-03	06 AUG01_03
08/01/90	TDF-9008-04	06 AUG01_04
08/01/90	TDF-9008-05	06 AUG01_05
08/01/90	TDF-9008-06	06 AUG01_06
08/01/90	TDF-9008-07	06 AUG01_07
08/01/90	TDF-9008-08	06 AUG01_08
08/01/90	TDF-9008-09	06 AUG01_09
08/01/90	TDF-9008-10	06 AUG01_10
08/01/90	TDF-9008-11	06 AUG01_11
08/01/90	TDF-9008-12	06 AUG01_12
08/01/90	TDF-9008-13	06 AUG01_13
08/01/90	TDF-9008-14	06 AUG01_14
08/01/90	TDF-9008-15	06 AUG01_15
08/01/90	TDF-9008-16	06 AUG01_16
08/01/90	TDF-9008-17	06 AUG01_17
08/01/90	TDF-9008-18	06 AUG01_18
08/01/90	TDF-9008-19	06 AUG01_19
08/01/90	TDF-9008-20	06 AUG01_20
08/01/90	TDF-9008-21	06 AUG01_21
08/01/90	TDF-9008-22	06 AUG01_22
08/01/90	TDF-9008-23	06 AUG01_23
08/01/90	TDF-9008-24	06 AUG01_24
08/01/90	TDF-9008-25	06 AUG01_25
08/01/90	TDF-9008-26	06 AUG01_26
08/01/90	TDF-9008-27	06 AUG01_27
08/14/90	TDF-9008-28	06 AUG14_01 TO AUG14_16
08/15/90	TDF-9008-29	06 AUG15_01
08/15/90	TDF-9008-30	06 AUG15_02
08/15/90	TDF-9008-31	06 AUG15_03
08/15/90	TDF-9008-32	06 AUG15_04
08/15/90	TDF-9008-33	06 AUG15_05
08/15/90	TDF-9008-34	06 AUG15_06
08/15/90	TDF-9008-35	06 AUG15_07
08/15/90	TDF-9008-36	06 AUG15_08
08/15/90	TDF-9008-37	06 AUG15_09

February 19, 1991 at 4:04 p.m.

Page 64

DATE	ID	TA TITLE
08/15/90	TDF-9008-38	06 AUG15_10
08/15/90	TDF-9008-39	06 AUG15_11
08/15/90	TDF-9008-40	06 AUG15_12
08/15/90	TDF-9008-41	06 AUG15_13
08/15/90	TDF-9008-42	06 AUG15_14
08/15/90	TDF-9008-43	06 AUG15_15
08/15/90	TDF-9008-44	06 AUG15_16
08/15/90	TDF-9008-45	06 AUG15_17
08/15/90	TDF-9008-46	06 AUG15_18
08/15/90	TDF-9008-47	06 AUG15_19
08/15/90	TDF-9008-48	06 AUG15_20
08/15/90	TDF-9008-49	06 AUG15_21
08/15/90	TDF-9008-50	06 AUG15_22
08/15/90	TDF-9008-51	06 AUG15_23
08/15/90	TDF-9008-52	06 AUG15_24
08/15/90	TDF-9008-53	06 AUG15_25
08/15/90	TDF-9008-54	06 AUG15_26
08/16/90	TDF-9008-55	06 AUG16_01
08/16/90	TDF-9008-56	06 AUG16_02
08/16/90	TDF-9008-57	06 AUG16_03
08/16/90	TDF-9008-58	06 AUG16_04
08/16/90	TDF-9008-59	06 AUG16_05
08/16/90	TDF-9008-60	06 AUG16_06
08/16/90	TDF-9008-61	06 AUG16_07
08/17/90	TDF-9008-62	06 AUG17_01
08/17/90	TDF-9008-63	06 AUG17_02
08/17/90	TDF-9008-64	06 AUG17_03
08/17/90	TDF-9008-65	06 AUG17_04
08/17/90	TDF-9008-66	06 AUG17_05
08/17/90	TDF-9008-67	06 AUG17_06
08/17/90	TDF-9008-68	06 AUG17_07
08/17/90	TDF-9008-69	06 AUG17_08
08/17/90	TDF-9008-70	06 AUG17_09
08/17/90	TDF-9008-71	06 AUG17_10
08/17/90	TDF-9008-72	06 AUG17_11
08/17/90	TDF-9008-73	06 AUG17_12

February 19, 1991 at 4:04 p.m.

Page 65

DATE	ID	TA	TITLE
08/17/90	TDF-9008-74	06	AUG17_13
08/17/90	TDF-9008-75	06	AUG17_14
08/17/90	TDF-9008-76	06	AUG17_15
08/17/90	TDF-9008-77	06	AUG17_16
08/17/90	TDF-9008-78	06	AUG17_17
08/17/90	TDF-9008-79	06	AUG17_18
08/17/90	TDF-9008-80	06	AUG17_19
08/17/90	TDF-9008-81	06	AUG17_20
08/17/90	TDF-9008-82	06	AUG17_21
08/17/90	TDF-9008-83	06	AUG17_22
08/17/90	TDF-9008-84	06	AUG17_23
08/17/90	TDF-9008-85	06	AUG17_24
08/17/90	TDF-9008-86	06	AUG17_25
08/17/90	TDF-9008-87	06	AUG17_26
08/17/90	TDF-9008-88	06	AUG17_27
08/17/90	TDF-9008-89	06	AUG17_28
08/17/90	TDF-9008-90	06	AUG17_29
08/17/90	TDF-9008-91	06	AUG17_30
08/17/90	TDF-9008-92	06	AUG17_31
08/17/90	TDF-9008-93	06	AUG17_32
08/17/90	TDF-9008-94	06	AUG17_33
08/17/90	TDF-9008-95	06	AUG17_34
08/17/90	TDF-9008-96	06	AUG17_35
08/17/90	TDF-9008-97	06	AUG17_36
08/17/90	TDF-9008-98	06	AUG17_37
09/18/89	TDNB-8990-01	06	NUCLEATE BOIL PRESS DROP IN ANN EXP-FAC/TEST LOB 9/18/89-8/17/90
04/27/90	TDSC-9004-01 (1OF2)	04	F1_1-F1_11 F5_1-F5_15 F6_1-F6_11 F8_1-F8_11 F9_1-F9_2
04/27/90	TDSC-9004-01 (2OF2)	04	FEB01_01-FEB09_02
00/00/00	TDSC-9008-01 (1OF3)	04	
00/00/00	TDSC-9008-02 (2OF3)	04	
00/00/00	TDSC-9008-03 (3OF3)	04	
02/08/89	TDT-8902-01 1 OF 3	06	LEVEL 0 DUMP OF IDEV ICA0
02/08/89	TDT-8902-02 2 OF 3	06	LEVEL 0 DUMP OF IDEV ICA0
02/08/89	TDT-8902-03 3 OF 3	06	LEVEL 0 DUMP OF IDEV ICA0
10/19/89	TDT-8910-01	04	CONTENTS:SUM, TESTS, IDATA LOWER POWER-OUTER HEATERS ONLY
11/13/89	TDT-8911-01	04	NOV13_01-NOV13_19 NOV14_01-NOV14_15 NOV15_01

February 19, 1991 at 4:04 p.m.

Page 66

DATE	ID	TA TITLE
02/05/90	TDT-9002-01	04 FEB01_01-FEB01_11 FEB05_01-FEB05_15
02/06/90	TDT-9002-02	04 JAN30_01-JAN30_10 JAN31_01-JAN31_19 JAN31_20-JAN31_24
02/08/90	TDT-9002-03	04 FEB08_01-FEB08_11
02/08/90	TDT-9002-04	04 FEB06_01-FEB06_11
05/01/90	TDT-9005-01	04 MAY01_01-MAY01_08 MAY02_01-MAY02_10 MAY02_11-MAY02_16
05/03/90	TDT-9005-02	04 MAY03_01-MAY03_10 MAY03_11-MAY03_22
05/07/90	TDT-9005-03	04 MAY07_01-MAY07_10
05/08/90	TDT-9005-04	04 MAY08_01-MAY08_09
07/30/90	TDT-9007-01	06 BACKUP OF /USR/PLUTO
07/31/90	TDT-9007-02	04 JUL31_01-JUL31_27
08/02/90	TDT-9008-01	04 AUG01_01-AUG01_09
08/02/90	TDT-9008-02	04 AUG01_10-AUG01_19
08/02/90	TDT-9008-03	04 AUG01_20-AUG01_27
08/14/90	TDT-9008-04	06 AUG14_01-AUG14_16 AUG15_01-AUG15_12 AUG15_13-AUG15_26
08/16/90	TDT-9008-05	06 AUG16_01-AUG16_07 AUG17_01-AUG17_08
08/17/90	TDT-9008-06	06 AUG17_09-AUG17_17 AUG17_18-AUG17_25 AUG17_26-AUG17_31
08/17/90	TDT-9008-07	06 AUG17_32-AUG17_37
09/14/90	TDT-9009-01	06 NOV13_01-NOV13_19 NOV14_01-NOV14_15 (CORRECT GEOMETRY)
10/14/90	TDT-9010-01	06 JAN31_01-JAN31_19 JAN31_20-JAN31_24 (RECOMPRESSED)
10/14/90	TDT-9010-02	06 FEB01_01-FEB01_11 FEB05_01-FEB05_15 (RECOMPRESSED)
10/14/90	TDT-9010-03	06 FEB06_01-FEB06_19 FEB08_01-FEB08_11 (RECOMPRESSED)
10/14/90	TDT-9010-04	06 MAY01_01-18 MAY02_01-10 MAY02_11-16 (RECOMPRESSED)
10/14/90	TDT-9010-05	06 MAY03_01-MAY03-10 MAY03_11-MAY03-22 (RECOMPRESSED)
10/14/90	TDT-9010-06	06 MAY07_01-MAY07-10 MAY08_01-MAY08-09 (RECOMPRESSED)
10/14/90	TDT-9010-07	06 JUL31_01-23 JUL31_24-27 AUG01_01-09 AUG01_20-19 (RECOMPRESSED)
10/14/90	TDT-9010-08	06 AUG01_20 TO AUG01_27 (RECOMPRESSED)
10/14/90	TDT-9010-09	06 AUG14_01-16 AUG15_01-12 AUG15_13-26 (RECOMPRESSED)
10/14/90	TDT-9010-10	06 AUG16_01-07 AUG17_01-08 AUG17_09-17 (RECOMPRESSED)
10/14/90	TDT-9010-11	06 AUG17_18-25 AUG17_26-31 AUG17_32-37 (RECOMPRESSED)
10/14/90	TDT-9010-12	06 NOV13_01-NOV13_19 NOV14_01-NOV14_15 (RECOMPRESSED)
03/18/88	TM-1207	07 QA PLAN & PROC. FOR EXP. INV. OF NUCLEATE BOILING PR DROP IN ANN
05/88	TM-1237	06 DRAFT TEST PLAN FOR NUCLEATE BOILING PRES. DROP IN ANNULI EXP.
09/00/88	TM-1237A	06 TEST PLAN FOR NUCLEATE BOILING PRESS. DROP IN AN ANNULUS RGS
04/00/89	TM-1237A-APPA	06 APPENDIX A UNCERTAINTY IN ANALYSIS PARAMETERS
11/00/89	TM-1237A-APPD	06 TEST PLAN NUCLEATE BOIL PRES DROP IN AN ANN APP D TEST W/O RIBS
05/17/88	TM-1241	05 PROB. STATEMENT AND SOLUTION PROPOSAL TITLE & APPROVAL SHEET

February 19, 1991 at 4:04 p.m.

Page 67

DATE	ID	TA TITLE
08/05/88	TM-1261	08 EVALUATION OF THE MOHR VOID FRACTION MEASURING SYSTEM FXD/BHS
06/29/88	TM-1306	05 SOFTWARE REQUIREMENTS SPECIFICATION PART A,B,C,D CJC
12/03/90	TM-1306 PART A	06 SOFTWARE REQUIREMENTS SPECIFICATION
08/00/89	TM-1367	10 DATA ACQUISITION SYSTEM FOR NUCLEATE BOIL PRES DROP IN ANN EXP
04/00/90	TM-1419	06 STEADY STATE & TRANSIENT ANA OF FLOW INSTABILITY IN COL TEST FAC
10/00/90	TN-499-VOL.1	06 NUCLEATE BOILING PRESSURE DROP IN AN ANNULUS VOLUME 1
11/00/90	TN-499-VOL.2	06 NUCLEATE BOILING PRESSURE DROP IN AN ANNULUS VOLUME 2
11/00/90	TN-499-VOL.3	06 NUCLEATE BOILING PRESSURE DROP IN AN ANNULUS VOLUME 3

TOTALS:

Printed 2,384 of the 2,403 records.

PRIMARY SORT FIELD: ID

SELECTION CRITERIA:

All records

**DATE
FILMED**

7/6/94

END

