

3. 警報発生記録等データ

3. Data of abnormal events including alarm records

1号機 Unit 1

(運転中) In operation

内訳
The items

- ① アラームタイプ
Alarm typer
- ② BOP タイパ (BOP=Balance of Plant : バランス・オブ・プラント)
Typer
- ③ NSS タイパ (NSS=Nuclear Steam Supply : 原子炉蒸気供給系)
Typer
- ④ OD タイパ他 (OD=On Demand : 任意要求)
Typer and others

0001 BOP 1H CYCLE DATA XFER START
0001 BOP 1H CYCLE DATA XFER COMPLETE
0001 BOP 6H CYCLE DATA XFER START
0001 BOP 6H CYCLE DATA XFER COMPLETE
0101 BOP TW FAIL
0101 BOP 1H CYCLE DATA XFER START
0101 BOP 1H CYCLE DATA XFER COMPLETE
0105 BOP TW OUT OF SERVICE REQUEST
0105 BOP TW OUT OF SERVICE
0105 BOP TW IN SERVICE REQUEST
0105 BOP TW IN SERVICE
0106 BOP TW FAIL
0107 BOP TW OUT OF SERVICE REQUEST
0107 BOP TW OUT OF SERVICE
0107 BOP TW IN SERVICE REQUEST
0108 BOP TW IN SERVICE REQUEST
0108 BOP TW IN SERVICE
0109 BOP TW FAIL
0109 BOP TW OUT OF SERVICE REQUEST
0109 BOP TW OUT OF SERVICE
0110 BOP TW IN SERVICE REQUEST
0110 BOP TW IN SERVICE
0111 BOP TW OUT OF SERVICE REQUEST
0112 BOP TW OUT OF SERVICE
0115 BOP TW IN SERVICE REQUEST
0115 BOP TW IN SERVICE
0201 BOP 1H CYCLE DATA XFER START
0201 BOP 1H CYCLE DATA XFER COMPLETE

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'11-03-11 FRI. FUKUSHIMA DAIICHI-1

0301 BOP 1H CYCLE DATA XFER START
0301 BOP 1H CYCLE DATA XFER COMPLETE
0401 BOP 1H CYCLE DATA XFER START
0401 BOP 1H CYCLE DATA XFER COMPLETE
0430 S256 CTP (1M AVE) 1380.0>1380.0 MWT
0431 S256 CTP (1M AVE) 1376.0 MWT NORMAL RETURN
0442 F065 SWP DISCHG HDR PRES 0.349< 0.350 MPA
0442 F065 SWP DISCHG HDR PRES 0.351 MPA NORMAL RETURN
0443 F065 SWP DISCHG HDR PRES 0.350< 0.350 MPA
0443 F065 SWP DISCHG HDR PRES 0.350 MPA NORMAL RETURN
0444 F065 SWP DISCHG HDR PRES 0.350< 0.350 MPA
0445 F065 SWP DISCHG HDR PRES 0.351 MPA NORMAL RETURN
0501 BOP 1H CYCLE DATA XFER START
0501 BOP 1H CYCLE DATA XFER COMPLETE
0600 BOP 1H CYCLE DATA XFER START
0600 BOP 1H CYCLE DATA XFER COMPLETE
0600 BOP 6H CYCLE DATA XFER START
0600 BOP 6H CYCLE DATA XFER COMPLETE
0701 BOP 1H CYCLE DATA XFER START
0701 BOP 1H CYCLE DATA XFER COMPLETE
0800 BOP 1H CYCLE DATA XFER START
0800 BOP 1H CYCLE DATA XFER COMPLETE

'11-03-11 FRI. FUKUSHIMA DAIICHI-1

0901 BOP 1H CYCLE DATA XFER START
0901 BOP 1H CYCLE DATA XFER COMPLETE
0954 A532 APRM BYPS CH-1 ON
0954 A536 APRM BYPS CH-5 ON
0956 A532 APRM BYPS CH-1 OFF NORMAL RETURN
0956 A536 APRM BYPS CH-5 OFF NORMAL RETURN

0954 A532 APRM BYPS CH-1 ON
 0954 A536 APRM BYPS CH-5 ON
 0956 A532 APRM BYPS CH-1 OFF NORMAL RETURN
 0956 A536 APRM BYPS CH-5 OFF NORMAL RETURN
 1001 BOP 1H CYCLE DATA XFER START
 1001 BOP 1H CYCLE DATA XFER COMPLETE
 1002 A532 APRM BYPS CH-1 ON
 1002 A536 APRM BYPS CH-5 ON
 1028 A532 APRM BYPS CH-1 OFF NORMAL RETURN
 1028 A536 APRM BYPS CH-5 OFF NORMAL RETURN
 1028 A533 APRM BYPS CH-2 ON
 1028 A536 APRM BYPS CH-5 ON
 1028 A536 APRM BYPS CH-5 OFF NORMAL RETURN
 1028 A537 APRM BYPS CH-6 ON
 1052 A533 APRM BYPS CH-2 OFF NORMAL RETURN
 1052 A537 APRM BYPS CH-6 OFF NORMAL RETURN
 1101 BOP 1H CYCLE DATA XFER START
 1101 BOP 1H CYCLE DATA XFER COMPLETE
 1103 A534 APRM BYPS CH-3 ON
 1103 A535 APRM BYPS CH-4 ON
 1113 S256 CTP (1M AVE) 1380.0>1380.0 MW
 1114 S256 CTP (1M AVE) 1377.0 MW NORMAL RETURN
 1123 F065 SWP DISCHG HDR PRES 0.347< 0.350 MPA
 1124 F065 SWP DISCHG HDR PRES 0.360 MPA NORMAL RETURN
 1124 F065 SWP DISCHG HDR PRES 0.347< 0.350 MPA
 1125 F065 SWP DISCHG HDR PRES 0.351 MPA NORMAL RETURN
 1125 F065 SWP DISCHG HDR PRES 0.349< 0.350 MPA
 1126 F065 SWP DISCHG HDR PRES 0.371 MPA NORMAL RETURN
 1148 A534 APRM BYPS CH-3 OFF NORMAL RETURN
 1148 A535 APRM BYPS CH-4 OFF NORMAL RETURN
 1201 BOP 1H CYCLE DATA XFER START
 1201 BOP 1H CYCLE DATA XFER COMPLETE
 1201 BOP 6H CYCLE DATA XFER START
 1201 BOP 6H CYCLE DATA XFER COMPLETE
 1221 S256 CTP (1M AVE) 1380.0>1380.0 MW
 1223 S256 CTP (1M AVE) 1379.0 MW NORMAL RETURN
 1300 BOP 1H CYCLE DATA XFER START
 1300 BOP 1H CYCLE DATA XFER COMPLETE
 1401 BOP 1H CYCLE DATA XFER START
 1401 BOP 1H CYCLE DATA XFER COMPLETE
 TRIP SEQUENCE LOG 11-03-11

H	MIN	SEC	MSEC	PID	ABBREVIATION	STATUS
14	46	46	400	D564*	SEISMIC TRIP C	TRIP
14	46	46	410	D534	REACTOR SCRM A	TRIP
14	46	58	420	D563	SEISMIC TRIP B	TRIP
14	46	58	430	D535	REACTOR SCRM B	TRIP
1446	A538	REM	BYPS		ON	
1446	B500	CONT ROD DRFT ALRM			ON	
14	47	00	020	D562	SEISMIC TRIP A	TRIP
14	47	00	030	D565	SEISMIC TRIP D	TRIP
1447	C020	SUPPRESSION	LEVEL	-40.8<	-20.0 MM	
1447	A523	APRM	DOWN SCAL		TRIP	
1447	A539	RWM	ROD BLOK		ON	
1447	A553	ALL CR FULL IN			ON	
1447	G002	GENERATR VOLT		18.56>	18.50 KV	
1447	C000	CONT ROD SYST FLOW		OVR FLW		
1447	C020	SUPPRESSION	LEVEL	16.0 MM	NORMAL RETURN	
14	47	09	140	D520	REAC WTR LEVEL A	LOW
1447	C004	REACTOR WATR LEVEL		516<	800 MM	
14	47	09	150	D521	REAC WTR LEVEL B	LOW
1447	E004	SWCHGEAR BUS 1A		7217>	7200 V	
14	47	10	910	D523	REAC WTR LEVEL D	LOW
1447	C020	SUPPRESSION	LEVEL	21.6>	20.0 MM	
14	47	10	910	D522	REAC WTR LEVEL C	LOW
1447	A549	LOW POWER ALRM POINT			UNDER	
14	47	20	620	D522	REAC WTR LEVEL C	NORM
1447	D622	PCIS ISO IN TRIP			ON	
14	47	20	620	D523	REAC WTR LEVEL D	NORM

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1447	A549	LOW POWR ALRM POINT	UNDER		
14	47	20 620	D522	REAC WTR LEVEL C	NORM
1447	D622	PCIS ISO IN TRIP	ON		
14	47	20 620	D523	REAC WTR LEVEL D	NORM
1447	D623	PCIS ISO OUT TRIP	ON		
14	47	21 910	D521	REAC WTR LEVEL B	NORM
1447	B519	SGTS B START	ON		
14	47	21 920	D520	REAC WTR LEVEL A	NORM
1447	G001	GENERATR GROS VARS	264.0	> 228.0 MVAR	
14	47	26 290	D578	DUMPTANK 2 LEVEL B	HIGH
1447	C055	RX WTR LVL (W/R) A	214	< 700 MM	
14	47	26 550	D502	DUMPTANK 1 LEVEL C	HIGH
1447	C056	RX WTR LVL (W/R) B	276	< 700 MM	
14	47	26 750	D503	DUMPTANK 1 LEVEL D	HIGH
1447	A550	LOW POWR STNG POINT	UNDER		
14	47	26 820	D500	DUMPTANK 1 LEVEL A	HIGH
1447	S265	REACTOR TRML POWER	UKN	B.V	
14	47	26 920	D501	DUMPTANK 1 LEVEL B	HIGH
1447	S264	REACTOR TRML POWER	UKN	B.V	
14	47	27 240	D577	DUMPTANK 2 LEVEL A	HIGH
1447	S267	REAC CORE FLOW (%)	52.0	< 80.5 %	
14	47	27 660	D579	DUMPTANK 2 LEVEL C	HIGH
1447	C020	SUPPRESSION LEVEL	-27.6	< -20.0 MM	
14	47	27 680	D580	DUMPTANK 2 LEVEL D	HIGH
1447	B532	S/C O2 MON RANG (W)	ON		
14	47	27 940	D579	DUMPTANK 2 LEVEL C	NORM
1447	B536	CAMS O2 DNS HI (S/C)	ON		
14	47	28 130	D579	DUMPTANK 2 LEVEL C	HIGH
1447	B530	D/W O2 MON RANG (W)	ON		
14	47	45 140	D582	GENERATR CB O-11	OFF
1447	B535	CAMS O2 DNS HI (D/W)	ON		
14	47	48 220	D576	TURBINE VIB OVER	TRIP
1447	C057	RX WTR LVL (F/R) A	2750	MM NORMAL RETURN	
14	47	48 230	D629	TURB MANUAL TRIP	TRIP
1447	G001	GENERATR GROS VARS	205.8	MVAR NORMAL RETURN	
14	47	48 380	D691	GEN POWER LOSS B	ON
1447	G002	GENERATR VOLT	18.21	KV NORMAL RETURN	
14	47	48 390	D690	GEN POWER LOSS A	ON
1447	E004	SWCHGEAR BUS 1A	7102	V NORMAL RETURN	
14	47	48 390	D693	GEN POWER LOSS D	ON
1447	T001	CONDENSER PRES B	3.94	< 4.30 KPAA	
14	47	48 390	D692	GEN POWER LOSS C	ON
1447	A512	WTR LEVEL ROD BLOK	ON		
14	47	48 490	D591	TURSTOP VALV	CLSD
1447	C020	SUPPRESSION LEVEL	26.8	> 20.0 MM	
14	47	48 490	D539	TURSTOP VALV D	CLSD
1447	S211	CONDENSER PRES	3.50	< 4.30 KPAA	
14	47	48 490	D538	TURSTOP VALV C	CLSD
1447	C004	REACTOR WATR LEVEL	833	MM NORMAL RETURN	
14	47	48 490	D536	TURSTOP VALV A	CLSD
1447	C055	RX WTR LVL (W/R) A	853	MM NORMAL RETURN	
14	47	48 500	D537	TURSTOP VALV B	CLSD
1447	C056	RX WTR LVL (W/R) B	748	MM NORMAL RETURN	
14	47	48 550	D541	TURB GEN REJ B	TRIP
1447	C058	RX WTR LVL (F/R) B	2900	MM NORMAL RETURN	
14	47	48 560	D543	TURB GEN REJ D	TRIP
1447	D682	STR CB	1S-1	OFF	
14	47	48 560	D540	TURB GEN REJ A	TRIP
1447	C020	SUPPRESSION LEVEL	-4.4	MM NORMAL RETURN	
14	47	48 570	D542	TURB GEN REJ C	TRIP
1447	F039	LP HTR SHEL 3A	LOW	RSN	
14	47	48 660	D672	TURB STOP TRIP	ON
1447	F035	LP HTR SHEL 1A	LOW	RSN	
14	47	48 700	D581	GENERATR LKOT RLAY	TRIP
1447	F036	LP HTR SHEL 1B	LOW	RSN	
14	47	48 740	D587	AUX POWR LOSS 1B	TRIP
1447	S228	LP HTR 1 SHEL PRS	UKN	B.V	
14	47	48 740	D586	AUX POWR LOSS 1A	TRIP
1447	D696	LINE CB	O-1	OFF	
14	47	48 740	D677	GEN RTLD BKR OPEN	ON

PCIS 9A (1/2)

SGTS (A) START

To 1/2 1/2 1/2

14	47	48	740	D587	AUX POWR LOSS 1S	TRIP
1447	S228	LP HTR 1	SHEL PRES	UKN B.V		
14	47	48	740	D586	AUX POWR LOSS 1S	TRIP
1447	D696	LINE	CB	O-1	OFF	
14	47	48	740	D677	GEN FILD BKR OPER	ON
1447	D685	AUX	CB	1S-6	OFF	
14	47	48	760	D588	AUX POWR LOSS 1S	TRIP
1447	G002	GENERATR	VOLT	19.53>	18.50 KV	
14	47	48	770	D672	TURB STOP TRIP	OFF
1447	C020	SUPPRESSION	LEVL	34.0>	20.0 MM	
14	47	50	910	D544	APRM HIHI CH-1	HIGH
1447	B527	STCK RAD	MON HI (L/R)	ON		
14	47	50	910	D546	APRM HIHI CH-3	HIGH
1447	D595	6.9KV M/C	CB	1A-2B	OFF	
14	47	50	920	D604	MAIN STM TEMP HIGH A	HIGH
1447	D598	6.9KV M/C	CB	1B-2	OFF	
14	47	50	920	D608	MAIN STM PRES LOW A	LOW
1447	RWM	= NOT LATCHED, WITHDRAW ERROR				
14	47	50	920	D610	MAIN STM PRES LOW C	LOW
1447	A545	RWM	OPER	OFF		
14	47	50	920	D614	REAC LEVL C LOW LOW	ON
1447	B532	S/C O2	MON RANG (W)	OFF		
14	47	50	920	D600	MAIN STM FLOW A HI	ON
1447	B530	D/W O2	MON RANG (W)	OFF		
14	47	50	920	D612	REAC LEVL A LOW LOW	ON
1447	B539	H2/O2	FLOW RANG (W)	OFF		
14	47	50	920	D516	REACTOR PRES A	HIGH
1447	B535	CAMS O2	DNS HI (D/W)	OFF		
14	47	50	920	D524	STM LINE RAD A	HIGH
1447	B536	CAMS O2	DNS HI (S/C)	OFF		
14	47	50	920	D602	MAIN STM FLOW C HI	ON
1447	B519	SGTS B	START	OFF		
14	47	50	930	D518	REACTOR PRES C	HIGH
1447	F065	SWP DISCHG	HDR PRES	LOW RSN		
14	47	50	930	D520	REAC WTR LEVL A	LOW
1447	B008	H2 IN	FLOW	LOW RSN		
14	47	50	930	D508	MAIN STM VALV A	CLOSE
1447	B009	O2 IN	FLOW	LOW RSN		
14	47	50	930	D522	REAC WTR LEVL C	LOW
1447	B001	OG RECOM	OUT O2 DENS	LOW RSN		
14	47	50	930	D606	MAIN STM TEMP HIGH C	HIGH
1447	A099	HOTWELL	MMHO A	LOW RSN		
14	47	50	930	D530	NEUT MON SYST C	TRIP
1447	C030	D/W PRES	(W/R)	LOW RSN		
14	47	50	930	D526	STM LINE RAD C	HIGH
1447	F001	CLEANUP	OUTL A	LOW RSN		
14	47	50	930	D510	MAIN STM VALV C	CLOSE
1447	C015	SUPPRESSION	PRES	LOW RSN		
14	47	50	930	D532	MANUAL SCRM A	TRIP
1447	C057	RK WTR	LVL (F/R) A	LOW RSN		
14	47	50	930	D504	CONDENSER VAC A	LOW
1447	B022	STACK RAD	MONI H/R	0.47>	-1.30 MS/H	
14	47	50	930	D512	CONTAIN PRES A	HIGH
1447	F006	CLEANUP	OUTL B	LOW RSN		
14	47	50	930	D528	NEUT MON SYST A	TRIP
1447	C014	HOTWELL	MKUP FLOW	LOW RSN		
14	47	50	930	D560	APRM SDWN A	LOW
1447	G007	REACTOR	WATR MMHO	LOW RSN		
14	47	50	930	D506	CONDENSER VAC C	LOW
1447	F063	CST WTR	LEVEL	LOW RSN		
14	47	50	930	D514	CONTAIN PRES C	HIGH
1447	G000	GENERATR	GROS LOAD	OVR FLW		
14	47	51	010	D544	APRM HIHI CH-1	NORM
1447	G002	GENERATR	VOLT	12.70<	17.50 KV	
14	47	51	010	D546	APRM HIHI CH-3	NORM
1447	F002	CONDEMIN	OUTL PRES	LOW RSN		
14	47	51	710	D547	APRM HIHI CH-4	HIGH
1447	F064	IA	PRES	LOW RSN		
14	47	51	710	D531	NEUT MON SYST D	TRIP
1447	C020	SUPPRESSION	LEVL	LOW RSN		
14	47	51	710	D517	REACTOR PRES B	HIGH

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1447	F064	IA	PRES		LOW	RSN				
14	47	51	710	D531	NEUT	MON	SYST	D	TRIP	
1447	CO20	SUPPRESSION	LEVEL		LOW	RSN				
14	47	51	710	D517	REACTOR	PRES			HIGH	
1447	CO27	DRYWELL	PRES		LOW	RSN				
14	47	51	710	D519	REACTOR	PRES	D		HIGH	
1447	GO06	GENERATR	H2	PRES	LOW	RSN				
14	47	51	710	D505	CONDENS	VAC	B		LOW	
1447	T001	CONDENS	PRES	B	LOW	RSN				
14	47	51	710	D521	REAC	WTR	LEVEL	B	LOW	
1447	A500	MAIN	STM	FLOW	A	HIGH				
14	47	51	710	D513	CONTAIN	PRES	B		HIGH	
1447	A504	MAIN	STM	LEAK	A	HIGH				
14	47	51	720	D529	NEUT	MON	SYST	B	TRIP	
1447	A502	MAIN	STM	FLOW	C	HIGH				
14	47	51	720	D525	STM	LINE	RAD	B	HIGH	
1447	A506	MAIN	STM	LEAK	C	HIGH				
14	47	51	720	D533	MANUAL	SCRM	B		TRIP	
1447	A525	APRM		INOP	TRBL					
14	47	51	720	D511	MAIN	STM	VALV	D	CLOSE	
1447	A526	APRM	FLOW	BIAS	INOP	TRBL				
14	47	51	720	D509	MAIN	STM	VALV	B	CLOSE	
1447	A529	RBM		INOP	TRBL					
14	47	51	720	D527	STM	LINE	RAD	D	HIGH	
1447	A540	APRM	FLOW	BIAS	CMPR	TRBL				
14	47	51	720	D561	APRM	SDWN	B		LOW	
1447	B528	SGTS	RAD	MON	HI	(L/R)	ON			
14	47	51	720	D507	CONDENS	VAC	D		LOW	
1447	A523	APRM	DOWN	SCAL	NORM	NORMAL	RETURN			
14	47	51	720	D523	REAC	WTR	LEVEL	D	LOW	
1447	A538	RBM		BYPS	OFF	NORMAL	RETURN			
14	47	51	720	D515	CONTAIN	PRES	D		HIGH	
1447	D599	6.9KV	M/C	CB	1B-10	OFF				
14	47	51	730	D616	MSIV	INNR	TRIP	A1	ON	
1447	A501	MAIN	STM	FLOW	B	HIGH				
14	47	51	730	D618	MSIV	OUTR	TRIP	B1	ON	
1447	A503	MAIN	STM	FLOW	D	HIGH				
14	47	51	740	D611	MAIN	STM	PRES	LOW	D	LOW
1447	A505	MAIN	STM	LEAK	B	HIGH				
14	47	51	740	D617	MSIV	INNR	TRIP	A2	ON	
1447	A507	MAIN	STM	LEAK	D	HIGH				
14	47	51	740	D619	MSIV	OUTR	TRIP	B2	ON	
1447	D596	6.9KV	M/C	CB	1A-7A	OFF				
14	47	51	740	D601	MAIN	STM	FLOW	B	HI	ON
1447	A577	#1	MSIV	D	CLOSE	ON				
14	47	51	740	D615	REAC	LEVEL	D	LOW	LOW	ON
1447	A583	#2	MSIV	B	CLOSE	ON				
14	47	51	740	D609	MAIN	STM	PRES	LOW	B	LOW
1447	A574	#1	MSIV	A	CLOSE	ON				
14	47	51	740	D603	AMIN	STM	FLOW	D	HI	ON
1447	A575	#1	MSIV	B	CLOSE	ON				
14	47	51	740	D613	REAC	LEVEL	B	LOW	LOW	ON
1447	A584	#2	MSIV	C	CLOSE	ON				
14	47	51	750	D605	MAIN	STM	TEMP	HIGH	B	HIGH
1447	A576	#1	MSIV	C	CLOSE	ON				
14	47	51	750	D607	MAIN	STM	TEMP	HIGH	D	HIGH
1447	A582	#2	MSIV	A	CLOSE	ON				
14	47	51	770	D659	PLR	M-G	SET	B	TRIP	ON
1447	A585	#2	MSIV	D	CLOSE	ON				
14	47	51	780	D658	PLR	M-G	SET	A	TRIP	ON
1447	B527	STCK	RAD	MON	HI	(L/R)	OFF			
14	47	51	810	D547	APRM	HIHI	CH-4		NORM	
1447	A578	#2	MSIV	A	OPN	OFF				
14	47	51	940	D681	6.9KV	BUS	VLT	1D	LOS	ON
1447	A572	#1	MSIV	C	OPN	OFF				
14	47	51	990	D588	AUX	POWR	LOSS	1S	NORM	
1447	A570	#1	MSIV	A	OPN	OFF				
14	47	52	080	D680	6.9KV	BUS	VLT	1C	LOS	ON
1447	A581	#2	MSIV	D	OPN	OFF				
14	47	52	090	D588	AUX	POWR	LOSS	1S	TRIP	

MSIV #1

1447	A570	#1	MSIV	A	OPN	OFF			
14	47	52	080		D680	6.9KV BUS VLT 1C LOS		ON	
1447	A581	#2	MSIV	D	OPN	OFF			
14	47	52	090		D588	AUX POWR LOSS		TRIP	
1447	A571	#1	MSIV	B	OPN	OFF			
14	47	52	120		D651	CWP B TRIP		ON	
1447	A573	#1	MSIV	D	OPN	OFF			
14	47	52	130		D657	RFP C TRIP		ON	
1447	A579	#2	MSIV	B	OPN	OFF			
14	47	52	140		D654	CP C TRIP		ON	
1447	A580	#2	MSIV	C	OPN	OFF			
14	47	52	250		D653	CP B TRIP		ON	
1447	B031	CAMS	H2	MONI	D/W	LOW RSN			
14	47	52	250		D650	CWP A TRIP		ON	
1447	B032	CAMS	O2	MONI	D/W	LOW RSN			
14	47	52	270		D655	RFP A TRIP		ON	
1447	B033	CAMS	H2	MONI	S/C	LOW RSN			
14	47	57	070		D590	DIES GEN CB 1D-1		ON	
1447	B034	CAMS	O2	MONI	S/C	LOW RSN			
14	47	57	140		D681	6.9KV BUS VLT 1D LOS		OFF	
1447	G000	GENERATR	GROS	LOAD	383.0 MW	NORMAL RETURN			
14	47	58	920		D589	DIES GEN CB 1C-1		ON	
1447	G001	GENERATR	GROS	VAR	9.0 < 10.0	MVAR			
14	47	58	970		D680	6.9KV BUS VLT 1C LOS		OFF	
1447	G002	GENERATR	VOLT			LOW RSN			
14	48	00	220		D660	PLR A LOCOUT RY ACT		ON	
1447	C007	REAC	FMP	TOTL	FLOW	LOW RSN			
14	48	13	280		D576	TURBINE VIB OVER		NORM	
1447	C037	RECIRC2A	DRVG	FLOW		LOW RSN			
14	48	14	980		D661	PLR B LOCOUT RY ACT		ON	
1447	C029	EMERCON	LEVL	B		LOW RSN			
14	48	20	670		D576	TURBINE VIB OVER		TRIP	
1447	C039	RECIRC2B	DRVG	FLOW		LOW RSN			
14	48	24	340		D576	TURBINE VIB OVER		NORM	
1447	C013	RE	CLNUP	FLOW	A	LOW RSN			
END JOB									

1447 C006 REACTOR CORE DIFF LOW RSN
TRIP SEQUENCE LOG 11-03-11

H	MIN	SEC	MSEC	PID	ABBREVIATION	STATUS
1447	E014	COND	FMP	PRES	B	LOW RSN
14	48	59	850	D568*	GEN STAT COOL LOSS	TRIP
1447	A100	TPM(MVG)				LOW RSN

1447 B003 REAC POWER LMT LOW RSN
TRIP SEQUENCE LOG 11-03-11

H	MIN	SEC	MSEC	PID	ABBREVIATION	STATUS
1447	C025	MAIN	STM	PRES	A	LOW RSN
14	52	18	950	D649*	IC LINE B INIT	ON
1447	T000	CONDENSER	PRES	A		LOW RSN
14	52	18	980	D648	IC LINE A INIT	ON
1447	F015	COND	GATE	FLOW		LOW RSN
1447	F051	HOTWELL	LEVL	A		LOW RSN
1447	F052	HOTWELL	LEVL	B		LOW RSN
1447	S266	REAC	CORE	FLOW (T/H)		UKN B.V
1447	S267	REAC	CORE	FLOW (%)		UKN B.V
1447	B519	SGTS	B	START		ON

1447 S209 CLEANUP OUTL UKN B.V
1447 S211 CONDENSER PRES UKN B.V
1447 S236 HOTWELL LEVEL UKN B.V
1447 B533 CAMS H2 DNS HI (D/W) ON
1447 B534 CAMS H2 DNS HI (S/C) ON
1447 B535 CAMS O2 DNS HI (D/W) ON

1447	S236	HOTWELL	LEVEL	UKN	B.V
1447	B533	CAMS H2	DNS HI (D/W)	ON	
1447	B534	CAMS H2	DNS HI (S/C)	ON	
1447	B535	CAMS O2	DNS HI (D/W)	ON	
1447	B536	CAMS O2	DNS HI (S/C)	ON	
1448	A545	RWM	OPER	ON	
1448	A560	CR	IN/OUT	OUT	
1448	A545	RWM	OPER	OFF	
1448	C008	RECIRC1A	DRVG FLOW	LOW	RSN
1448	C038	RECIRC1B	DRVG FLOW	LOW	RSN
1448	FO01	CLEANUP	OUTL A	0.00	MS/C NORMAL RETURN
1448	FO06	CLEANUP	OUTL B	0.00	MS/C NORMAL RETURN
1448	C014	HOTWELL	MKUP FLOW	21.0	T/H NORMAL RETURN
1448	G007	REACTOR	WATR MMHO	0.00<	0.04 MS/C
1448	FO63	CST WTR	LEVEL	72.0	% NORMAL RETURN
1448	G002	GENERATR	VOLT	2.97<	17.50 KV
1448	C020	SUPPRESSION	LEVL	-12.8	MM NORMAL RETURN
1448	C027	DRYWELL	PRES	5.9	KPA NORMAL RETURN
1448	G008	CONDEMIN	DIFF PRES	LOW	RSN
1448	G006	GENERATR	H2 PRES	0.3175	MPA NORMAL RETURN
1448	T001	CONDENS	PRES B	2.61<	4.30 KPAA
1448	G007	REACTOR	WATR MMHO	0.06	MS/C NORMAL RETURN
1448	C007	REAC PMP	TOTL FLOW	1995	T/H NORMAL RETURN
1448	C000	CONT ROD	SYST FLOW	0.0	T/H NORMAL RETURN
1448	C013	RE CLNUP	FLOW A	0.0	T/H NORMAL RETURN
1448	C006	REACTOR	CORE DIFF	0	KPA NORMAL RETURN
1448	FO64	IA	PRES	0.595<	0.618 MPA
1448	C020	SUPPRESSION	LEVEL	49.6>	20.0 MM
1448	A100	TPM(MVG)		1.7	% NORMAL RETURN
1448	C004	REACTOR	WATR LEVEL	1062>	1050 MM
1448	BO03	REAC POWER	LMT	40.1	% NORMAL RETURN
1448	E004	SWCHGEAR	BUS 1A	3<	6201 V
1448	E005	SWCHGEAR	BUS 1B	3<	6201 V
1448	C025	MAIN STM	PRES A	5.97	MPA NORMAL RETURN
1448	FO04	HP TURB	EXH C	LOW	RSN
1448	FO12	CRV/CIV	HOOD B	LOW	RSN
1448	T000	CONDENS	PRES A	2.64	KPAA NORMAL RETURN
1448	FO15	CONDSATE	FLOW	0	T/H NORMAL RETURN
1448	FO51	HOTWELL	LEVEL A	11.4	CM NORMAL RETURN
1448	FO52	HOTWELL	LEVEL B	11.1	CM NORMAL RETURN
1448	B532	S/C O2	MON RANG (W)	ON	
1448	B530	D/W O2	MON RANG (W)	ON	
1448	C020	SUPPRESSION	LEVEL	15.2	MM NORMAL RETURN
1448	FO07	MOIS SEP	STM A	LOW	RSN
1448	FO13	CRV/CIV	HOOD C	LOW	RSN
1448	FO08	MOIS SEP	STM B	LOW	RSN
1448	FO14	CRV/CIV	HOOD D	LOW	RSN
1448	C055	RX WTR	LVL (W/R) A	1059>	1000 MM
1448	FO09	MOIS SEP	STM C	LOW	RSN
1448	C056	RX WTR	LVL (W/R) B	1089>	1005 MM
1448	S206	RECIRC A	DRVG FLOW A	UKN	B.V
1448	S207	RECIRC B	DRVG FLOW B	UKN	B.V
1448	S211	CONDENS	PRES	2.64<	4.30 KPAA
1448	S267	REAC CORE	FLOW (%)	0.0<	80.5 %
1448	C020	SUPPRESSION	LEVEL	25.2>	20.0 MM
1448	FO10	MOIS SEP	STM D	LOW	RSN
1448	FO03	HP TURB	EXH A	LOW	RSN
1448	FO11	CRV/CIV	HOOD A	LOW	RSN
1448	S212	RECIRC	DRVG FLOW	UKN	B.V
1448	FO65	SWP DISCHG	HDR PRES	0.020<	0.350 MPA
1448	BO08	H2	IN FLOW	1.59	M3/H NORMAL RETURN
1448	BO09	O2	IN FLOW	1.06	M3/H NORMAL RETURN
1448	BO01	OG RECOM	OUT O2 DENS	64.03	% NORMAL RETURN
1448	C015	SUPPRESSION	PRES	106	KPAA NORMAL RETURN
1448	C057	RX WTR	LVL (F/R) A	2250	MM NORMAL RETURN
1448	C020	SUPPRESSION	LEVEL	9.6	MM NORMAL RETURN
1448	BO31	CAMS H2	MONI D/W	0.2	% NORMAL RETURN
1448	BO32	CAMS O2	MONI D/W	18.5	% NORMAL RETURN
1448	BO33	CAMS H2	MONI S/C	0.1	% NORMAL RETURN
1448	BO34	CAMS O2	MONI S/C	18.3	% NORMAL RETURN

1448	B031	CAMS H2 MONI D/W	0.2 %	NORMAL RETURN
1448	B032	CAMS O2 MONI D/W	18.5 %	NORMAL RETURN
1448	B033	CAMS H2 MONI S/C	0.1 %	NORMAL RETURN
1448	B034	CAMS O2 MONI S/C	18.3 %	NORMAL RETURN
1448	C020	SUPPRESSION LEVEL	26.8>	20.0 MM
1448	S213	HP TURB EXH PRS	UKN B.V	
1448	S215	CRV/CIV HOOD PRS	UKN B.V	
1448	C020	SUPPRESSION LEVEL	3.2 MM	NORMAL RETURN
1448	C020	SUPPRESSION LEVEL	25.2>	20.0 MM
1448	C020	SUPPRESSION LEVEL	2.0 MM	NORMAL RETURN
1448	TOSWAY	L-STN 01	FAIL	
1448	TOSWAY	FAIL		
1448	C020	SUPPRESSION LEVEL	31.2>	20.0 MM
1448	C020	SUPPRESSION LEVEL	9.6 MM	NORMAL RETURN
1449	A099	HOTWELL MMHO A	0.07 MS/C	NORMAL RETURN
1449	C030	D/W PRES (W/R)	107 KPAA	NORMAL RETURN
1449	C020	SUPPRESSION LEVEL	36.8>	20.0 MM
1449	E015	COND PMP PRES C	LOW RSN	
1449	C020	SUPPRESSION LEVEL	18.4 MM	NORMAL RETURN
1449	C020	SUPPRESSION LEVEL	25.6>	20.0 MM
1449	F051	HOTWELL LEVEL A	UP RSN	
1449	F052	HOTWELL LEVEL B	UP RSN	
1449	C020	SUPPRESSION LEVEL	14.8 MM	NORMAL RETURN
1449	C020	SUPPRESSION LEVEL	29.6>	20.0 MM
1449	S236	HOTWELL LEVEL	UKN B.V	
1449	F064	IA PRES	0.620 MPA	NORMAL RETURN
1449	C020	SUPPRESSION LEVEL	10.4 MM	NORMAL RETURN
1449	C020	SUPPRESSION LEVEL	22.4>	20.0 MM
1449	B022	STACK RAD MONI H/R	-1.37 MS/H	NORMAL RETURN
1449	F002	CONDEMIN OUTL PRES	0.10 MPA	NORMAL RETURN
1449	C029	EMERCON LEVEL B	80.3 %	NORMAL RETURN
1450	B530	D/W O2 MON RANG (W)	OFF	
1450	F004	HP TURB EXH C	0.010 MPA	NORMAL RETURN
1450	F007	MOIS SEP STM A	0.010 MPA	NORMAL RETURN
1450	F008	MOIS SEP STM B	0.013 MPA	NORMAL RETURN
1450	F009	MOIS SEP STM C	0.008 MPA	NORMAL RETURN
1450	A553	ALL CR FULL IN	OFF	
1450	A553	ALL CR FULL IN	ON	
1450	F010	MOIS SEP STM D	0.012 MPA	NORMAL RETURN
1450	F003	HP TURB EXH A	0.008 MPA	NORMAL RETURN
1450	C020	SUPPRESSION LEVEL	9.6 MM	NORMAL RETURN
1450	S573	CMS TROUBLE	ON	
1450	C020	SUPPRESSION LEVEL	34.0>	20.0 MM
1450	C020	SUPPRESSION LEVEL	8.4 MM	NORMAL RETURN
1450	C020	SUPPRESSION LEVEL	28.4>	20.0 MM
1451	C020	SUPPRESSION LEVEL	17.2 MM	NORMAL RETURN
1451	C020	SUPPRESSION LEVEL	22.0>	20.0 MM
1451	C003	REACTOR PRES	6.90>	6.90 MPA
1451	C020	SUPPRESSION LEVEL	14.0 MM	NORMAL RETURN
1451	C020	SUPPRESSION LEVEL	30.0>	20.0 MM
1452	A519	IRM DET POS	OUT	
1452	A520	IRM DOWN SCAL	TRBL	
1452	A565	RX MODE SW STAT	ON	
1452	A564	RX MODE SW OPER	OFF	
1452	A567	RX MODE SW REFUEL	ON	
1452	A565	RX MODE SW STAT	OFF	
1452	A566	RX MODE SW SHT DOWN	ON	
1452	A567	RX MODE SW REFUEL	OFF	
1452	C020	SUPPRESSION LEVEL	16.8 MM	NORMAL RETURN
1452	C020	SUPPRESSION LEVEL	37.6>	20.0 MM
1452	B526	ISO-CON VLV B	OPN	
1452	B525	ISO-CON VLV A	OPN	
1452	C020	SUPPRESSION LEVEL	14.0 MM	NORMAL RETURN
1452	A516	SRM DET POS	IN	
1452	C020	SUPPRESSION LEVEL	35.2>	20.0 MM
1452	A516	SRM DET POS	OUT	NORMAL RETURN
1452	C020	SUPPRESSION LEVEL	4.4 MM	NORMAL RETURN
1452	C020	SUPPRESSION LEVEL	34.4>	20.0 MM
1453	C020	SUPPRESSION LEVEL	16.0 MM	NORMAL RETURN
1453	C020	SUPPRESSION LEVEL	30.8>	20.0 MM

Rx off SW 1/12

1452 CO20 SUPPRESSION LEVL 4.4 MM NORMAL RETURN
 1452 CO20 SUPPRESSION LEVL 34.4> 20.0 MM
 1453 CO20 SUPPRESSION LEVL 16.0 MM NORMAL RETURN
 1453 CO20 SUPPRESSION LEVL 30.8> 20.0 MM
 1453 B532 S/C O2 MON RANG (W) OFF
 1453 CO03 REACTOR PRES 6.90 MPA NORMAL RETURN
 1453 S210 RECIRC P INLT TMP UKN B.V
 1453 CO20 SUPPRESSION LEVL 13.2 MM NORMAL RETURN
 1453 CO20 SUPPRESSION LEVL 40.0> 20.0 MM
 1453 FO40 LP HTR SHEL 3B LOW RSN
 1453 A517 SRM RDG HIGH
 1454 FO04 HP TURB EXH C LOW RSN
 1454 FO07 MOIS SEP SIM A LOW RSN
 1454 FO08 MOIS SEP SIM B LOW RSN
 1454 FO09 MOIS SEP SIM C LOW RSN
 1454 FO40 LP HTR SHEL 3B -0.101 MPA NORMAL RETURN
 1454 CO20 SUPPRESSION LEVL 17.2 MM NORMAL RETURN
 1454 FO10 MOIS SEP SIM D LOW RSN
 1454 FO03 HP TURB EXH A LOW RSN
 1454 S242 RECIRC P IN TMP ROC UKN B.V
 1454 CO20 SUPPRESSION LEVL 38.0> 20.0 MM
 1454 S213 HP TURB EXH PRS UKN B.V
 1454 S214 MOIST SEP SIM PRS UKN B.V
 1454 CO20 SUPPRESSION LEVL 18.4 MM NORMAL RETURN
 1454 CO20 SUPPRESSION LEVL 28.4> 20.0 MM
 1454 CO20 SUPPRESSION LEVL 12.4 MM NORMAL RETURN
 1454 CO27 DRYWELL PRES 6.9> 6.9 KPA
 1454 A517 SRM RDG NORM NORMAL RETURN
 1455 CO20 SUPPRESSION LEVL 31.6> 20.0 MM
 1456 CO20 SUPPRESSION LEVL 17.6 MM NORMAL RETURN
 1456 CO20 SUPPRESSION LEVL 34.8> 20.0 MM
 1457 B004 SRM 21 LEVEL LOW RSN
 1457 CO20 SUPPRESSION LEVL 17.2 MM NORMAL RETURN
 1457 CO20 SUPPRESSION LEVL 30.0> 20.0 MM
 1457 T005 TURB SIM REG PRES 2< 15 KPA
 1457 CO20 SUPPRESSION LEVL 16.8 MM NORMAL RETURN
 1457 CO20 SUPPRESSION LEVL 26.0> 20.0 MM
 1457 A519 IRM DET POS IN NORMAL RETURN
 1457 T005 TURB SIM REG PRES LOW RSN

'11-03-11 FRI. FUKUSHIMA DAIICHI-1

1457 A516 SRM DET POS IN
 TRIP SEQUENCE LOG 11-03-11

H	MIN	SEC	MSEC	PID	ABBREVIATION	STATUS
14	58	07	610	D570*	MOP DSCH LOW PRES	TRIP
14	58	06	620	D570*	MOP DSCH LOW PRES	TRIP

1号機 BOPログ

発電所コード	号機コード	データ採取日	データ採取時間	原子炉平均熱出力(MW)	原子炉APRM平均(%)	原子炉熱出力(MW)	原子炉給水熱出力(MW)
1F	1	2011/03/11	01	1376	100.63585	1378	1363.5857
1F	1	2011/03/11	02	1377	100.60976	1379	1364.0286
1F	1	2011/03/11	03	1377	100.63496	1375	1363.312
1F	1	2011/03/11	04	1377	100.68285	1377	1360.4839
1F	1	2011/03/11	05	1377	100.66801	1377	1362.3198
1F	1	2011/03/11	06	1377	100.69589	1377	1366.1277
1F	1	2011/03/11	07	1377	100.71751	1376	1361.458
1F	1	2011/03/11	08	1377	100.68282	1377	1364.7932
1F	1	2011/03/11	09	1377	100.66106	1376	1365.0151
1F	1	2011/03/11	10	1376	100.65723	1378	1362.2947
1F	1	2011/03/11	11	1377	100.60942	1379	1359.7825
1F	1	2011/03/11	12	1377	100.64201	1375	1362.0383
1F	1	2011/03/11	13	1377	100.64522	1374	1359.2983
1F	1	2011/03/11	14	1377	100.66862	1376	1362.9126
1F	1	2011/03/11	15	1107	78.534958	0	
1F	1	2011/03/11	16				
1F	1	2011/03/11	17				
1F	1	2011/03/11	18				
1F	1	2011/03/11	19				
1F	1	2011/03/11	20				
1F	1	2011/03/11	21				
1F	1	2011/03/11	22				
1F	1	2011/03/11	23				
1F	1	2011/03/11	24				

1号機 BOPログ

励磁機電圧(V)	励磁機電流(A)	励磁機温度(°C)	変圧器所内Tr電力量A(MWH)	変圧器所内Tr電力量B(MWH)	変圧器所内Tr電力量小計A+B(MWH)
346.87012	2185.387	64.835129	10.2	10.5	20.699997
326.22461	2070.5342	62.53894	10.099999	10.5	20.599991
303.27808	1936.2029	60.898956	10.099999	10.4	20.499985
303.10474	1935.687	60.808868	10.2	10.5	20.699997
303.24609	1938.0366	60.588486	10.099999	10.5	20.599991
303.47241	1938.1887	60.785538	10.099999	10.4	20.499985
306.42432	1955.3896	61.035431	10.099999	10.5	20.599991
339.38623	2147.894	63.431793	10.099999	10.4	20.499985
364.14087	2284.3506	66.122406	10.2	10.5	20.699997
366.51855	2299.2539	66.126862	10.2	10.5	20.699997
366.67261	2300.9312	66.033981	10.099999	10.5	20.599991
366.69922	2301.5376	65.976379	10.2	10.5	20.699997
367.94263	2306.9626	66.286469	10.2	10.5	20.699997
368.86914	2312.1865	66.362915	10.099999	10.5	20.599991
330.698	1852.0757		8.0999994	8.3999996	16.499985

144522	100.78	100.53	100.47	100.91	6.51	1245	1205	6.82	940	2504	79	18357	5.9	4615	4560	183	184	2546	-0.2	459.0
144523	101.03	100.66	100.59	101.03	6.51	1245	1204	6.82	938	2505	79	18357	5.9	4618	4560	183	184	2546	-0.1	459.8
144524	101.00	100.59	100.53	100.91	6.51	1244	1202	6.82	2503	2503	79	18366	5.9	4620	4558	183	184	2550	0.0	460.3
144525	100.19	99.81	99.87	100.25	6.50	1247	1200	6.82	2509	2509	79	18357	5.9	4620	4558	183	184	2552	-0.0	460.6
144526	100.19	99.94	99.84	100.16	6.50	1247	1201	6.82	942	2509	79	18357	5.9	4618	4557	183	184	2552	-0.1	460.6
144527	100.37	100.03	100.00	100.34	6.50	1246	1201	6.82	942	2507	79	18357	5.9	4618	4562	183	184	2552	-0.1	460.6
144528	100.78	100.28	100.31	100.72	6.50	1247	1203	6.81	960	2508	79	18357	5.9	4618	4563	182	184	2552	-0.0	460.8
144529	100.41	100.06	99.94	100.41	6.50	1247	1202	6.81	950	2504	79	18357	5.9	4617	4558	183	184	2554	0.1	460.3
144530	101.13	100.84	100.72	101.13	6.50	1245	1203	6.81	941	2501	79	18349	5.9	4615	4568	183	184	2552	0.2	459.8
144531	100.66	100.34	100.28	100.69	6.50	1247	1199	6.81	935	2498	79	18331	5.9	4614	4567	183	184	2548	0.2	459.4
144532	100.53	100.19	100.19	100.56	6.50	1242	1192	6.81	936	2497	79	18322	5.9	4609	4565	183	184	2550	0.2	459.1
144533	100.69	100.25	100.25	100.66	6.50	1244	1197	6.81	937	2497	79	18349	5.9	4607	4563	183	184	2550	0.2	459.4
144534	100.41	100.13	100.06	100.34	6.50	1246	1201	6.82	934	2498	79	18349	5.9	4609	4562	183	184	2548	0.2	459.4
144535	100.84	100.50	100.50	100.87	6.50	1245	1203	6.82	947	2498	79	18331	5.9	4609	4560	183	184	2546	0.2	459.4
144536	101.06	100.72	100.63	101.00	6.50	1244	1197	6.82	939	2496	79	18340	5.9	4612	4560	182	184	2546	0.2	459.6
144537	100.94	100.53	100.50	100.87	6.50	1247	1203	6.82	938	2497	79	18366	5.9	4614	4562	182	184	2546	0.2	459.6
144538	100.94	100.50	100.41	100.81	6.50	1246	1205	6.82	939	2502	79	18366	5.9	4617	4560	183	184	2552	0.3	459.8
144539	100.69	100.37	100.28	100.69	6.50	1244	1204	6.82	938	2503	79	18366	5.9	4617	4560	182	183	2552	0.3	460.3
144540	100.06	99.75	99.78	100.13	6.50	1246	1204	6.82	940	2502	79	18375	5.9	4618	4560	183	184	2554	0.4	460.3
144541	100.66	100.34	100.28	100.69	6.50	1244	1203	6.82	942	2502	79	18349	5.9	4618	4560	183	184	2554	0.4	460.1
144542	100.78	100.59	100.41	100.78	6.50	1247	1201	6.82	941	2505	79	18357	5.9	4620	4562	183	184	2552	0.4	460.1
144543	100.78	100.53	100.41	100.84	6.50	1248	1203	6.81	937	2499	79	18357	5.9	4620	4560	182	183	2550	0.3	460.1
144544	100.28	100.00	100.00	100.34	6.50	1245	1201	6.81	936	2498	79	18340	5.9	4620	4558	183	184	2550	0.3	460.1
144545	100.68	100.22	100.29	100.63	6.50	1248	1203	6.81	940	2502	79	18314	5.9	4618	4558	182	183	2550	0.3	460.1
144546	100.81	100.44	100.41	100.81	6.50	1246	1201	6.81	946	2496	79	18331	5.9	4615	4555	183	184	2548	0.3	459.8
144547	100.75	100.41	100.34	100.75	6.50	1244	1200	6.82	945	2497	79	18331	5.9	4617	4557	182	184	2548	0.2	459.6
144548	100.41	100.09	100.06	100.50	6.51	1248	1202	6.82	931	2496	79	18305	5.9	4617	4558	183	184	2550	0.2	459.4
144549	100.97	100.53	100.41	100.87	6.50	1244	1204	6.82	925	2497	79	18296	5.9	4617	4558	183	184	2548	0.1	459.1
144550	100.84	100.53	100.50	100.78	6.50	1247	1204	6.82	925	2493	79	18322	5.9	4618	4558	182	183	2548	0.1	459.6
144551	100.81	100.44	100.53	100.87	6.50	1244	1205	6.82	931	2496	79	18340	5.9	4617	4560	183	184	2550	0.1	459.4
144552	100.91	100.50	100.56	100.94	6.50	1250	1203	6.82	926	2496	79	18340	5.9	4617	4560	183	184	2552	0.1	459.8
144553	100.69	100.34	100.34	100.75	6.50	1254	1204	6.82	922	2497	79	18340	5.9	4618	4557	182	184	2552	0.1	459.8
144554	100.56	100.34	100.34	100.63	6.50	1253	1206	6.82	930	2496	79	18349	5.9	4618	4557	183	184	2552	0.2	459.8
144555	100.47	100.13	100.13	100.44	6.50	1253	1209	6.82	926	2502	79	18340	5.9	4614	4560	182	184	2554	0.3	460.1
144556	100.19	99.87	99.91	100.19	6.50	1253	1211	6.82	925	2505	79	18340	5.9	4609	4562	183	184	2554	0.3	460.1
144557	100.53	100.13	100.06	100.47	6.50	1254	1212	6.82	924	2503	79	18357	5.9	4610	4562	183	184	2557	0.4	460.3
144558	100.03	99.66	99.62	100.03	6.50	1253	1213	6.82	935	2503	79	18331	5.9	4615	4558	183	184	2563	0.4	460.3
144559	100.56	100.28	100.16	100.53	6.50	1259	1214	6.81	943	2505	79	18331	5.9	4614	4557	182	184	2569	0.3	460.3
144600	100.78	100.50	100.37	100.72	6.50	1257	1212	6.81	928	2508	79	18331	5.9	4610	4555	182	184	2571	0.3	460.1
144601	100.50	100.19	100.06	100.47	6.50	1255	1210	6.81	922	2500	79	18340	5.9	4617	4557	183	184	2571	0.2	459.6
144602	100.59	100.28	100.22	100.56	6.50	1261	1211	6.81	928	2501	79	18331	5.9	4620	4557	183	184	2571	0.1	459.4
144603	100.63	100.25	100.25	100.59	6.50	1261	1211	6.81	934	2497	79	18357	5.9	4622	4557	183	184	2574	0.1	459.4
144604	101.09	100.78	100.72	101.09	6.50	1259	1216	6.81	926	2496	79	18357	5.9	4623	4553	183	184	2576	0.1	459.1
144605	101.06	100.63	100.66	101.03	6.50	1262	1218	6.82	930	2496	79	18357	5.9	4622	4552	183	184	2576	0.1	459.1
144606	100.72	100.25	100.28	100.75	6.51	1259	1217	6.82	934	2495	79	18375	5.9	4625	4555	183	184	2578	0.3	459.4
144607	101.19	100.69	100.66	101.09	6.50	1259	1218	6.82	943	2497	79	18375	5.9	4625	4557	183	184	2576	0.3	459.8
144608	101.09	100.56	100.56	100.97	6.50	1260	1220	6.82	934	2498	79	18366	5.9	4622	4555	183	184	2578	0.3	459.8
144609	100.63	100.22	100.25	100.59	6.50	1261	1218	6.82	929	2503	79	18349	5.9	4620	4557	183	184	2580	0.2	459.8
144610	100.53	100.13	100.13	100.47	6.50	1261	1215	6.82	925	2498	79	18331	5.9	4622	4557	183	184	2578	0.1	460.1
144611	100.47	100.13	100.00	100.41	6.50	1261	1215	6.82	930	2502	79	18331	5.9	4622	4555	182	184	2574	-0.0	460.3
144612	100.94	100.41	100.34	100.87	6.50	1261	1217	6.82	936	2507	79	18331	5.9	4620	4557	183	184	2576	-0.0	460.3
144613	100.91	100.44	100.44	100.91	6.50	1259	1214	6.81	945	2505	79	18349	5.9	4618	4560	183	184	2580	-0.1	460.3
144614	100.87	100.47	100.37	100.81	6.50	1259	1218	6.81	946	2505	79	18357	5.9	4617	4562	182	184	2576	-0.1	460.1
144615	101.19	100.84	100.78	101.19	6.50	1259	1217	6.81	949	2503	79	18366	5.9	4618	4563	183	184	2576	-0.2	459.6
144616	100.44	100.16	100.06	100.37	6.50	1262	1218	6.81	949	2497	79	18366	5.9	4618	4562	183	184	2578	-0.3	459.6
144617	100.84	100.59	100.53	100.81	6.50	1261	1217	6.81	945	2497	79	18357	5.9	4618	4558	183	184	2576	-0.2	459.4
144618	100.94	100.69	100.66	101.00	6.50	1260	1215	6.81	946	2495	79	18340	5.9	4622	4558	183	184	2576	-0.1	459.4
144619	100.94	100.72	100.69	101.00	6.50	1261	1218	6.81	939	2497	79	18349	5.9	4622	4555	183	184	2578	0.0	459.1
144620	101.13	100.72	100.75	101.13	6.50	1262	1218	6.82	937	2493	79	18349	5.9	4618	4553	183	184	2578	0.1	459.1
144621	101.13	100.63	100.69	101.13	6.51	1263	1220	6.82	940	2500	79	18357	5.9	4617	4557	182	183	2578	0.2	459.4
144622	101.50	101.06	100.97	101.34	6.51	1264	1215	6.82	942	2500	79	18366	5.9	4615	4560	182	184	2578	0.1	459.4
144623	100.69	100.25	100.16	100.53	6.51	1256	1217	6.82	940	2503	79	18357	5.9	4615	4562	183	184	2576	-0.1	459.6
144624	10																			

144628	100.19	99.66	99.69	100.16	6.50	1257	1216	6.81	940	2508	79	18331	5.9	4618	4560	183	184	2569	-0.1	460.1
144629	100.81	100.41	100.37	100.78	6.50	1262	1216	6.81	946	2504	80	18331	5.9	4620	4562	183	184	2567	0.0	460.1
144630	101.25	100.84	100.75	101.19	6.50	1261	1208	6.81	945	2495	79	18357	5.9	4622	4565	183	184	2563	0.1	459.6
144631	101.37	100.87	100.84	101.31	6.50	1259	1212	6.81	940	2495	80	18357	5.9	4623	4563	183	184	2561	0.1	459.1
144632	101.03	100.63	100.69	101.09	6.50	1256	1210	6.82	949	2491	79	18375	5.9	4627	4563	183	184	2563	-0.1	459.6
144633	101.56	101.13	101.13	101.50	6.50	1256	1209	6.82	946	2497	79	18357	5.9	4628	4567	183	184	2563	-0.5	463.9
144634	100.56	100.16	100.06	100.44	6.51	1254	1209	6.82	945	2499	79	18366	5.9	4623	4568	183	184	2561	-0.5	463.0
144635	100.56	100.22	100.13	100.41	6.51	1245	1206	6.82	947	2499	79	18357	5.9	4620	4567	183	184	2559	-0.4	462.2
144636	100.06	99.56	99.53	100.00	6.50	1244	1202	6.82	948	2500	79	18349	5.9	4615	4567	183	184	2556	-0.5	462.0
144637	100.37	99.97	99.87	100.22	6.50	1242	1201	6.82	946	2499	79	18331	5.9	4605	4563	183	184	2552	-0.3	461.8
144638	99.13	98.75	98.62	99.06	6.50	1248	1203	6.82	952	2500	79	18331	5.9	4602	4560	183	184	2550	-0.2	461.5
144639	100.13	99.62	99.69	100.16	6.50	1241	1200	6.81	946	2501	79	18314	5.9	4604	4555	183	184	2546	0.0	461.0
144640	99.59	99.19	99.28	99.66	6.49	1236	1194	6.81	926	2497	79	18314	5.9	4605	4550	182	183	2539	0.3	462.0
144641	99.44	99.13	99.19	99.59	6.49	1236	1192	6.81	927	2495	79	18314	5.9	4602	4550	183	184	2537	0.4	461.5
144642	99.28	98.97	99.13	99.37	6.49	1238	1189	6.81	939	2492	78	18296	5.9	4600	4547	183	184	2529	0.6	460.6
144643	99.09	98.94	99.06	99.37	6.50	1238	1189	6.81	924	2480	79	18270	5.9	4594	4543	183	184	2524	0.9	458.9
144644	98.94	98.78	98.87	99.25	6.50	1232	1188	6.81	936	2470	78	18270	5.9	4587	4540	183	184	2520	0.5	458.4
144645	99.78	99.47	99.66	100.03	6.50	1224	1185	6.81	921	2475	78	18261	5.9	4587	4540	183	184	2514	0.7	458.2
144646	99.78	99.53	99.75	100.00	6.50	1221	1181	6.81	922	2474	78	18261	5.9	4584	4538	183	184	2509	0.2	457.0
144647	100.00	99.84	100.00	100.13	6.50	1227	1187	6.81	930	2475	78	18244	5.9	4585	4538	183	184	2509	0.1	455.3
144648	99.56	99.26	99.53	99.81	6.50	1234	1189	6.81	941	2477	79	18288	5.9	4587	4538	183	184	2512	-0.2	455.5
144649	99.41	99.09	99.31	99.62	6.50	1234	1187	6.81	940	2477	79	18279	5.9	4590	4537	183	184	2518	-0.2	454.6
144650	99.00	98.84	98.94	99.16	6.50	1236	1192	6.81	919	2475	78	18288	5.9	4595	4540	182	184	2520	-0.1	452.4
144651	99.33	99.16	99.37	99.78	6.50	1233	1193	6.81	907	2474	79	18288	5.9	4595	4543	183	184	2524	0.1	454.6
144652	100.34	100.09	100.22	100.50	6.49	1235	1196	6.81	937	2470	79	18305	5.9	4597	4548	182	183	2527	0.1	453.6
144653	100.00	99.84	100.06	100.25	6.50	1237	1197	6.81	936	2470	79	18322	5.9	4599	4550	183	184	2531	-0.1	453.4
144654	99.87	99.75	99.94	100.09	6.50	1245	1198	6.81	950	2467	79	18340	5.9	4604	4553	183	184	2537	0.1	454.1
144655	99.94	99.62	99.91	100.13	6.50	1248	1205	6.81	932	2470	79	18366	5.9	4609	4558	182	183	2539	0.0	454.8
144656	100.19	99.97	100.06	100.37	6.50	1254	1206	6.81	938	2474	79	18375	5.9	4612	4562	182	184	2542	0.6	455.5
144657	99.41	99.09	99.28	99.66	6.50	1249	1204	6.81	936	2482	79	18401	5.9	4615	4562	183	184	2544	0.8	453.6

TIME	G001	G002	T001	T003	T004	G003	B007	B005	B006	A092
144458	169.5	17.99	5.05	5.94	1.579	15616	5.33	5.34	5.33	100.97
144459	169.5	18.00	5.06	5.94	1.577	15616	5.33	5.34	5.33	100.63
144500	169.8	18.00	5.05	5.93	1.575	15616	5.33	5.34	5.34	100.91
144501	170.7	18.00	5.05	5.92	1.575	15600	5.33	5.34	5.33	100.59
144502	171.0	18.00	5.05	5.92	1.575	15608	5.33	5.34	5.34	100.78
144503	171.6	18.00	5.05	5.91	1.573	15600	5.33	5.34	5.34	100.72
144504	171.3	18.00	5.05	5.91	1.573	15600	5.33	5.34	5.34	100.94
144505	171.0	17.99	5.06	5.91	1.573	15616	5.33	5.34	5.33	100.66
144506	170.7	17.99	5.05	5.91	1.571	15616	5.33	5.34	5.34	100.97
144507	170.1	18.00	5.05	5.92	1.573	15608	5.33	5.34	5.34	100.84
144508	169.8	17.99	5.05	5.92	1.577	15616	5.33	5.34	5.34	101.53
144509	169.8	18.00	5.05	5.93	1.575	15616	5.33	5.34	5.34	100.87
144510	170.1	17.99	5.04	5.92	1.573	15624	5.33	5.34	5.33	100.69
144511	170.1	17.99	5.05	5.93	1.571	15616	5.33	5.34	5.33	100.37
144512	170.1	18.00	5.05	5.93	1.575	15632	5.33	5.34	5.34	100.69
144513	169.8	17.99	5.05	5.93	1.573	15624	5.33	5.33	5.33	99.97
144514	170.1	17.99	5.05	5.93	1.573	15616	5.33	5.34	5.33	100.31
144515	170.4	18.00	5.05	5.93	1.575	15616	5.33	5.34	5.33	100.81
144516	171.3	18.00	5.05	5.91	1.573	15600	5.33	5.34	5.34	100.75
144517	171.9	18.00	5.06	5.90	1.571	15584	5.33	5.34	5.33	100.69
144518	171.9	18.00	5.05	5.90	1.573	15584	5.33	5.34	5.34	101.50
144519	171.6	18.00	5.05	5.90	1.569	15592	5.33	5.34	5.33	101.28
144520	171.3	18.00	5.05	5.90	1.571	15592	5.33	5.34	5.34	101.00
144521	170.4	17.99	5.05	5.91	1.573	15600	5.33	5.34	5.34	100.59
144522	169.8	17.99	5.05	5.92	1.569	15600	5.33	5.34	5.34	100.72
144523	169.8	17.99	5.06	5.92	1.571	15608	5.33	5.34	5.34	100.97
144524	169.8	17.99	5.05	5.93	1.573	15616	5.33	5.34	5.34	100.94
144525	169.2	17.99	5.05	5.93	1.573	15616	5.33	5.34	5.34	100.13
144526	169.5	17.99	5.04	5.94	1.573	15616	5.33	5.33	5.33	100.09
144527	169.2	17.99	5.04	5.93	1.573	15616	5.33	5.33	5.33	100.34
144528	169.8	17.99	5.04	5.93	1.571	15640	5.33	5.34	5.34	100.72
144529	170.1	17.99	5.05	5.93	1.573	15624	5.33	5.33	5.33	100.34
144530	170.7	18.00	5.05	5.92	1.575	15616	5.33	5.34	5.34	101.06

144532	171.3	18.00	5.05	5.91	1.575	15600	5.33	5.34	5.34	100.50
144533	171.0	18.00	5.05	5.91	1.575	15600	5.33	5.34	5.34	100.63
144534	170.7	18.00	5.04	5.91	1.575	15600	5.33	5.33	5.34	100.37
144535	170.4	18.00	5.04	5.91	1.573	15592	5.33	5.34	5.34	100.84
144536	170.1	18.00	5.04	5.91	1.575	15584	5.33	5.34	5.34	101.00
144537	169.8	17.99	5.04	5.91	1.575	15600	5.33	5.34	5.34	100.91
144538	169.5	17.99	5.05	5.92	1.573	15600	5.33	5.34	5.34	100.87
144539	169.8	17.99	5.04	5.92	1.577	15616	5.33	5.34	5.33	100.66
144540	169.5	17.99	5.04	5.93	1.575	15608	5.33	5.33	5.33	100.00
144541	169.8	17.99	5.05	5.93	1.575	15616	5.33	5.34	5.34	100.59
144542	170.4	17.99	5.05	5.92	1.575	15616	5.33	5.34	5.33	100.72
144543	170.7	17.99	5.04	5.93	1.575	15616	5.33	5.34	5.34	100.75
144544	171.0	18.00	5.05	5.92	1.573	15616	5.33	5.33	5.33	100.25
144545	171.3	18.00	5.04	5.92	1.569	15616	5.33	5.34	5.33	100.56
144546	171.3	18.00	5.05	5.91	1.573	15608	5.33	5.34	5.33	100.75
144547	171.3	18.00	5.05	5.91	1.573	15600	5.33	5.34	5.33	100.69
144548	171.3	18.00	5.06	5.91	1.573	15592	5.33	5.33	5.33	100.37
144549	171.3	18.00	5.05	5.91	1.575	15592	5.33	5.34	5.34	100.97
144550	171.3	17.99	5.04	5.90	1.573	15608	5.33	5.34	5.33	100.78
144551	171.0	18.00	5.05	5.91	1.577	15600	5.33	5.34	5.34	100.75
144552	170.7	18.00	5.05	5.91	1.577	15592	5.33	5.34	5.34	100.84
144553	170.1	18.00	5.04	5.91	1.573	15600	5.33	5.34	5.34	100.63
144554	169.5	18.00	5.04	5.92	1.573	15600	5.33	5.34	5.33	100.50
144555	169.5	18.00	5.05	5.92	1.573	15600	5.33	5.34	5.33	100.44
144556	169.5	17.98	5.05	5.93	1.573	15624	5.33	5.33	5.33	100.16
144557	170.1	17.98	5.05	5.93	1.577	15616	5.33	5.34	5.33	100.47
144558	171.0	18.00	5.05	5.93	1.577	15624	5.33	5.33	5.33	100.00
144559	171.0	18.00	5.04	5.93	1.577	15632	5.33	5.34	5.33	100.53
144600	170.7	18.00	5.05	5.92	1.577	15616	5.33	5.34	5.34	100.69
144601	170.7	18.00	5.05	5.92	1.575	15600	5.33	5.33	5.33	100.41
144602	170.4	18.00	5.05	5.92	1.573	15584	5.33	5.34	5.33	100.56
144603	170.7	18.00	5.04	5.91	1.575	15592	5.33	5.34	5.34	100.59
144604	171.3	17.99	5.05	5.91	1.577	15592	5.33	5.34	5.34	101.09
144605	171.6	18.00	5.05	5.90	1.573	15584	5.33	5.34	5.34	101.00
144606	171.6	18.00	5.05	5.91	1.571	15592	5.33	5.34	5.34	100.66
144607	171.0	18.00	5.05	5.91	1.569	15600	5.33	5.34	5.34	101.16
144608	170.4	17.99	5.05	5.91	1.571	15600	5.33	5.34	5.34	101.06
144609	170.1	18.00	5.04	5.93	1.573	15592	5.33	5.33	5.34	100.59
144610	169.5	18.00	5.04	5.93	1.573	15592	5.33	5.34	5.33	100.50
144611	169.5	17.99	5.04	5.93	1.575	15616	5.33	5.34	5.33	100.44
144612	169.5	17.98	5.04	5.93	1.573	15616	5.33	5.34	5.34	100.91
144613	169.8	17.99	5.04	5.93	1.573	15616	5.33	5.34	5.34	100.84
144614	170.1	18.00	5.04	5.93	1.571	15600	5.33	5.34	5.33	100.84
144615	170.4	18.00	5.04	5.92	1.573	15592	5.33	5.34	5.33	101.16
144616	170.7	18.00	5.04	5.92	1.573	15584	5.33	5.34	5.34	100.41
144617	171.0	18.00	5.04	5.91	1.571	15592	5.33	5.34	5.34	100.75
144618	171.3	18.00	5.04	5.91	1.571	15592	5.33	5.34	5.34	100.87
144619	171.6	18.00	5.04	5.91	1.573	15592	5.33	5.34	5.33	100.87
144620	171.6	18.00	5.04	5.91	1.573	15584	5.33	5.34	5.34	101.06
144621	170.7	18.00	5.04	5.91	1.573	15592	5.33	5.34	5.34	101.09
144622	170.4	18.00	5.04	5.91	1.573	15584	5.33	5.34	5.34	101.47
144623	170.1	18.00	5.04	5.92	1.573	15584	5.33	5.34	5.33	100.63
144624	169.8	17.99	5.04	5.93	1.573	15600	5.33	5.33	5.33	100.31
144625	169.5	17.99	5.04	5.93	1.575	15608	5.33	5.34	5.34	101.31
144626	169.8	17.99	5.04	5.93	1.573	15608	5.33	5.34	5.34	100.94
144627	170.1	18.00	5.04	5.93	1.575	15608	5.33	5.34	5.33	100.19
144628	170.4	18.00	5.04	5.93	1.573	15608	5.33	5.34	5.33	100.13
144629	170.4	18.00	5.04	5.92	1.575	15592	5.33	5.34	5.34	100.75
144630	170.7	18.00	5.04	5.91	1.575	15576	5.33	5.34	5.34	101.19
144631	172.2	18.00	5.04	5.90	1.575	15600	5.33	5.34	5.34	101.31
144632	180.0	17.97	5.04	5.90	1.577	15856	5.33	5.34	5.34	100.97
144633	184.5	17.97	5.04	5.91	1.577	15912	5.33	5.34	5.34	101.56
144634	184.8	18.00	5.04	5.91	1.571	15856	5.33	5.34	5.33	100.53
144635	181.8	18.04	5.05	5.91	1.568	15768	5.33	5.34	5.33	100.53
144636	179.1	18.04	5.05	5.91	1.562	15720	5.33	5.33	5.33	100.03

144638	175.8	18.02	5.04	5.92	1.562	15696	5.32	5.33	5.33	99.09
144639	174.6	18.01	5.04	5.92	1.556	15672	5.33	5.34	5.34	100.03
144640	176.1	17.98	5.04	5.92	1.554	15752	5.33	5.33	5.33	99.56
144641	176.1	18.00	5.05	5.91	1.552	15720	5.33	5.33	5.33	99.41
144642	175.5	18.00	5.04	5.89	1.551	15664	5.33	5.33	5.33	99.22
144643	176.5	18.01	5.05	5.87	1.551	15616	5.33	5.33	5.33	99.06
144644	175.5	18.01	5.05	5.86	1.551	15600	5.33	5.33	5.33	98.87
144645	174.9	18.00	5.05	5.86	1.551	15592	5.33	5.33	5.33	99.76
144646	174.3	18.01	5.05	5.85	1.543	15544	5.33	5.33	5.33	99.75
144647	176.7	17.99	5.05	5.85	1.547	15568	5.33	5.33	5.33	99.97
144648	175.2	18.05	5.05	5.86	1.545	15496	5.33	5.33	5.33	99.47
144649	178.2	18.08	5.05	5.86	1.547	15464	5.33	5.33	5.33	99.37
144650	179.4	18.10	5.05	5.86	1.551	15400	5.33	5.33	5.33	98.97
144651	179.4	18.07	5.05	5.86	1.551	15496	5.33	5.33	5.33	99.50
144652	178.2	18.04	5.04	5.85	1.556	15472	5.33	5.33	5.33	100.22
144653	178.5	18.02	5.05	5.84	1.556	15480	5.33	5.33	5.33	100.00
144654	178.5	18.02	5.05	5.84	1.552	15496	5.33	5.33	5.33	99.81
144655	180.9	18.02	5.05	5.84	1.560	15528	5.33	5.33	5.33	99.84
144656	183.3	18.02	5.05	5.86	1.562	15624	5.33	5.33	5.33	100.13
144657	183.3	18.04	5.04	5.88	1.562	15536	5.33	5.33	5.33	99.37

TIME	A088	A089	A090	A091	C025	C001	C002	C003	C004	C005	C006	C007	C008	C038	C016	C017	F015	F052	G000	
144658	100.03	99.72	100.03	100.22	6.50	1245	1206	6.81	951	2488	79	18384	5.9	4620	4563	183	184	2544	0.9	456.7
144659	47.88	48.72	47.22	46.31	6.50	1250	1206	6.81	952	2486	78	18410	5.9	4622	4565	183	184	2546	1.1	456.0
144700	14.94	15.56	15.28	14.44	6.46	1256	1210	6.74	879	2405	77	18760	5.9	4615	4565	182	184	2552	0.9	453.1
144701	4.81	4.87	4.62	4.22	6.39	1264	1224	6.63	762	2247	70	19005	5.9	4552	4503	183	184	2559	0.6	437.8
144702	3.00	3.03	2.87	2.53	6.31	1305	1249	6.50	675	1991	59	18419	5.9	4371	4327	183	184	2576	-0.0	414.0
144703	2.59	2.56	2.41	2.06	6.25	1383	1319	6.39	600	1739	49	17307	5.9	4099	4069	182	184	2623	-0.5	386.6
144704	2.31	2.28	2.19	1.87	6.18	1423	1364	6.29	549	1647	41	16126	5.9	3792	3770	183	184	2715	-0.5	360.2
144705	2.16	2.16	2.00	1.66	6.12	1434	1388	6.20	512	1374	35	15033	5.9	3452	3440	183	184	2812	-1.2	331.4
144706	2.03	2.03	1.91	1.56	6.08	1439	1390	6.13	468	1178	30	14079	5.9	3189	3189	183	184	2876	-1.6	304.6
144707	2.00	1.91	1.78	1.47	6.07	1440	1387	6.09	432	951	26	13318	5.9	2926	2934	183	184	2929	-1.4	268.3
144708	1.94	1.81	1.72	1.41	6.06	1434	1386	6.07	392	778	23	12661	5.9	2694	2711	182	184	2962	-2.0	243.4
144709	1.87	1.78	1.69	1.34	6.05	1428	1373	6.06	306	654	20	12005	5.9	2490	2512	183	184	2985	-1.8	217.4
144710	1.75	1.78	1.62	1.28	6.06	1411	1363	6.05	256	538	18	11410	5.8	2315	2341	183	184	2994	-1.8	191.3
144711	1.66	1.75	1.56	1.25	6.06	1396	1348	6.05	246	428	16	10929	5.9	2165	2189	183	184	2994	-2.7	171.1
144712	1.66	1.75	1.56	1.19	6.08	1384	1332	6.06	236	329	14	10465	5.8	2030	2060	183	184	2983	-2.6	148.1
144713	1.66	1.66	1.53	1.16	6.09	1377	1323	6.07	201	246	13	10010	5.9	1913	1941	183	184	2966	-3.0	131.0
144714	1.59	1.59	1.50	1.12	6.11	1365	1321	6.09	205	94	11	9616	5.8	1810	1844	183	184	2949	-3.9	113.6
144715	1.56	1.59	1.47	1.12	6.13	1362	1314	6.11	191	0	10	9249	5.8	1715	1750	183	184	2936	-3.9	94.8
144716	1.56	1.59	1.44	1.09	6.15	1361	1312	6.13	172	0	10	8881	5.8	1628	1669	183	183	2929	-4.3	84.0
144717	1.50	1.56	1.41	1.06	6.18	1354	1308	6.16	199	0	9	8487	5.8	1551	1599	183	183	2923	-4.3	72.7
144718	1.47	1.56	1.37	1.03	6.20	1356	1303	6.18	233	0	8	8137	5.8	1485	1536	183	183	2914	-4.3	62.6
144719	1.44	1.56	1.37	1.03	6.22	1372	1312	6.20	249	0	8	7822	5.8	1422	1485	182	183	2912	-4.6	54.0
144720	1.41	1.53	1.34	0.97	6.24	1382	1324	6.23	294	0	7	7446	5.8	1361	1427	182	183	2919	-4.2	45.6
144721	1.37	1.50	1.31	0.97	6.26	1378	1326	6.24	345	0	7	7227	5.8	1321	1389	182	183	2927	-3.9	41.8
144722	1.37	1.44	1.25	0.97	6.27	1383	1324	6.25	373	0	6	7000	5.8	1280	1350	182	183	2932	-4.4	37.2
144723	1.37	1.37	1.22	0.94	6.28	1365	1316	6.27	418	0	6	6790	5.8	1231	1310	182	182	2936	-5.1	33.6
144724	1.37	1.31	1.22	0.91	6.29	1331	1291	6.28	478	0	6	6692	5.8	1200	1280	182	182	2929	-5.8	30.7
144725	1.37	1.25	1.19	0.87	6.29	1258	1239	6.28	577	0	6	6466	5.8	1167	1250	181	181	2897	-5.9	29.8
144726	1.34	1.25	1.16	0.87	6.30	1160	1139	6.27	595	0	6	6352	5.8	1134	1225	182	181	2814	-6.7	28.1
144727	1.34	1.25	1.16	0.87	6.30	1028	1013	6.27	684	0	6	6291	5.8	1107	1200	182	181	2666	-6.5	25.2
144728	1.31	1.22	1.16	0.87	6.29	904	894	6.27	691	0	6	6247	5.8	1086	1180	181	180	2481	-6.0	22.1
144729	1.31	1.25	1.16	0.87	6.29	770	758	6.27	741	0	6	6134	5.8	1050	1161	181	180	2267	-5.7	20.2
144730	1.25	1.25	1.12	0.81	6.29	707	692	6.27	816	0	6	6099	5.8	1020	1141	181	180	2049	-4.7	18.7
144731	1.25	1.25	1.09	0.81	6.29	617	613	6.27	808	0	6	6045	5.8	1005	1127	180	180	1849	-3.9	17.0
144732	1.22	1.22	1.06	0.75	6.30	534	523	6.27	844	0	5	6055	5.8	998	1121	181	179	1650	-3.5	15.4
144733	1.22	1.22	1.06	0.75	6.29	466	481	6.27	834	0	5	5932	5.8	990	1114	180	179	1472	-1.7	16.6
144734	1.19	1.22	1.03	0.75	6.29	461	472	6.27	937	0	5	5932	5.8	974	1107	180	178	1335	-1.4	16.8
144735	1.22	1.22	1.03	0.75	6.29	459	474	6.28	987	0	5	5941	5.8	959	1093	180	178	1237	-0.4	15.8
144736	1.19	1.19	1.03	0.75	6.30	410	426	6.27	942	0	5	5827	5.8	950	1072	180	178	1174	1.4	14.4
144737	1.16	1.12	1.03	0.72	6.29	0	182	6.27	970	0	5	5784	5.8	909	1043	180	177	1035	1.1	15.1
144738	1.09	1.09	1.00	0.72	6.29	0	0	6.26	941	0	5	5766	5.8	892	1028	180	177	819	3.1	14.4
144739	1.06	1.09	1.00	0.72	6.29	96	112	6.26	1003	0	5	5757	5.8	892	1035	179	177	654	2.8	13.0
144740	1.03	1.03	0.97	0.72	6.26	0	70	6.25	951	0	5	5635	5.8	875	1028	179	176	525	4.0	12.5

144742	1.06	1.03	0.97	0.69	6.27	65	0	6.24	977	0	5	5565	5.8	866	1020	178	176	362	5.0	11.8
144743	1.03	1.00	0.91	0.66	6.27	127	0	6.24	951	0	4	5512	5.8	839	998	179	177	313	6.9	15.8
144744	1.03	1.00	0.91	0.62	6.26	0	150	6.23	9	0	5	5372	5.8	830	982	178	177	257	6.6	-0.7
144745	1.03	1.00	0.87	0.62	6.24	0	99	6.23	9	0	5	5364	5.8	839	966	178	178	296	7.2	13.7
144746	1.03	1.00	0.87	0.62	6.23	BAD	0	6.23	939	0	4	5381	5.8	839	982	178	174	439	7.9	13.2
144747	1.03	1.00	0.84	0.62	6.24	166	159	6.22	1002	0	5	5311	5.8	821	966	178	174	596	8.0	13.0
144748	1.03	1.00	0.84	0.59	6.23	184	0	6.22	950	0	5	5215	5.8	811	959	178	173	705	7.8	13.2
144749	1.03	0.97	0.87	0.59	6.23	0	0	6.21	994	0	5	2677	5.8	753	959	177	172	829	7.1	2.9
144750	1.03	0.97	0.87	0.56	1.10	0	0	6.21	1016	0	BAD	BAD	BAD	643	959	178	173	BAD	BAD	BAD
144751	0.56	0.44	0.38	0.56	BAD	0	0	6.20	1014	0	BAD	BAD	BAD	BAD	BAD	177	172	BAD	BAD	BAD
144752	0.06	0.06	0.03	0.09	BAD	138	103	6.19	1071	0	BAD	BAD	BAD	BAD	BAD	177	172	BAD	BAD	BAD
144753	0.03	0.03	0.03	0.03	BAD	192	0	6.18	975	0	BAD	BAD	BAD	BAD	BAD	176	171	BAD	BAD	BAD
144754	0.03	0.03	0.03	0.03	BAD	252	0	6.18	997	0	BAD	BAD	BAD	BAD	BAD	176	171	BAD	BAD	BAD
144755	0.03	0.03	0.03	0.03	BAD	92	0	6.17	1006	0	BAD	BAD	BAD	BAD	BAD	176	171	BAD	BAD	577.4
144756	0.03	0.03	0.03	0.03	BAD	0	0	6.16	976	0	BAD	BAD	BAD	BAD	BAD	176	171	BAD	BAD	407.5
144757	0.03	0.03	0.03	0.03	BAD	119	84	6.16	1033	0	BAD	BAD	BAD	BAD	BAD	176	171	BAD	BAD	305.8
144758	0.03	0.03	0.03	0.03	BAD	122	0	6.16	1020	0	BAD	BAD	BAD	BAD	BAD	176	170	BAD	BAD	103.7
144759	0.03	0.03	0.03	0.03	5.10	0	0	6.17	945	0	1	0	5.7	BAD	BAD	176	170	0	-4.5	12.5
144800	0.03	0.03	0.03	0.03	5.96	88	0	6.16	1098	0	1	1409	5.9	BAD	BAD	176	170	0	6.7	2.9
144801	0.03	0.03	0.03	0.03	6.02	0	75	6.16	1028	0	1	1960	5.9	BAD	BAD	176	169	0	8.8	1.7
144802	0.03	0.03	0.03	0.03	6.01	0	84	6.16	1115	0	1	2117	5.9	BAD	BAD	175	169	0	9.3	1.2
144803	0.03	0.03	0.03	0.03	6.01	0	0	6.16	1105	0	0	2135	5.9	BAD	BAD	175	169	0	10.2	1.0
144804	0.03	0.03	0.03	0.03	5.99	0	0	6.16	1088	0	0	2048	5.9	BAD	BAD	175	169	0	10.9	0.7
144805	0.03	0.03	0.03	0.03	5.97	0	96	6.16	1055	0	1	1899	5.9	BAD	BAD	175	168	0	11.3	0.5
144806	0.03	0.03	0.03	0.03	5.96	0	0	6.16	1126	0	0	1802	5.9	BAD	BAD	175	168	0	11.5	0.5
144807	0.03	0.03	0.03	0.03	5.95	0	103	6.15	1090	0	0	1032	5.9	BAD	BAD	174	168	0	11.1	0.2
144808	0.03	0.03	0.03	0.03	5.93	0	92	6.16	1051	0	0	656	5.8	BAD	BAD	174	168	0	11.2	0.2
144809	0.03	0.03	0.03	0.03	5.92	0	80	6.16	1138	0	0	324	5.8	BAD	BAD	174	167	0	10.8	0.5
144810	0.03	0.03	0.03	0.03	5.91	88	0	6.16	1087	0	0	0	5.8	BAD	BAD	174	167	0	9.6	0.2
144811	0.03	0.03	0.03	0.03	5.89	88	0	6.16	1178	0	-0	0	5.9	BAD	BAD	174	167	0	10.7	0.2
144812	0.03	0.03	0.03	0.03	5.87	0	0	6.16	1125	0	-0	0	5.8	BAD	BAD	174	167	0	9.7	0.2
144813	0.03	0.03	0.03	0.03	5.87	70	0	6.17	1125	0	-0	0	5.8	BAD	BAD	174	167	0	9.4	0.2
144814	0.03	0.03	0.03	0.03	5.84	65	75	6.17	1146	0	-0	0	5.8	BAD	BAD	174	167	0	10.5	0.2
144815	0.03	0.03	0.03	0.03	5.83	80	0	6.17	1122	0	-0	0	5.8	BAD	BAD	173	166	0	11.2	0.2
144816	0.03	0.03	0.03	0.03	5.82	0	65	6.17	1145	0	-0	0	5.8	BAD	BAD	173	166	0	12.0	0.2
144817	0.03	0.03	0.03	0.03	5.82	0	0	6.18	1122	0	-0	0	5.8	BAD	BAD	173	166	0	13.3	0.0
144818	0.03	0.03	0.03	0.03	5.80	136	84	6.18	1144	0	-0	0	5.8	BAD	BAD	173	166	0	14.3	0.2
144819	0.03	0.03	0.03	0.03	5.77	0	0	6.18	1135	0	-0	0	5.8	BAD	BAD	173	165	0	14.9	0.0
144820	0.03	0.03	0.03	0.03	5.77	76	0	6.18	1182	0	-1	0	5.8	BAD	BAD	173	166	0	13.4	0.0
144821	0.03	0.03	0.03	0.03	5.75	0	96	6.19	1164	0	-0	0	5.8	BAD	BAD	173	165	0	13.5	0.0
144822	0.03	0.03	0.03	0.03	5.74	0	125	6.19	1159	0	-0	0	5.8	BAD	BAD	172	165	0	11.7	0.0
144823	0.03	0.03	0.03	0.03	5.74	0	9	6.19	1172	0	-0	0	5.8	BAD	BAD	172	165	0	11.6	0.0
144824	0.03	0.03	0.03	0.03	5.72	107	116	6.20	1202	0	-0	0	5.8	BAD	BAD	172	165	0	10.3	0.0
144825	0.03	0.03	0.03	0.03	5.71	122	71	6.20	1197	0	-0	0	5.8	BAD	BAD	172	164	0	10.4	0.0
144826	0.03	0.03	0.03	0.03	5.69	84	0	6.20	1233	0	-0	0	5.8	BAD	BAD	172	165	0	11.0	0.0
144827	0.03	0.03	0.03	0.03	5.68	76	0	6.21	1189	0	-0	0	5.8	BAD	BAD	171	164	0	11.6	0.0
144828	0.03	0.03	0.03	0.03	5.66	0	0	6.21	1207	0	-0	0	5.8	BAD	BAD	171	164	0	13.2	0.0
144829	0.03	0.03	0.03	0.03	5.66	0	0	6.21	1192	0	-0	0	5.8	BAD	BAD	172	164	0	13.7	0.0
144830	0.03	0.03	0.03	0.03	5.65	0	0	6.22	1227	0	-0	0	5.8	BAD	BAD	172	164	0	14.8	0.0
144831	0.03	0.03	0.03	0.03	5.63	65	0	6.22	1226	0	-0	0	5.8	BAD	BAD	171	164	0	14.7	0.0
144832	0.03	0.03	0.03	0.03	5.63	0	0	6.23	1210	0	-0	0	5.8	BAD	BAD	171	164	0	13.9	0.0
144833	0.03	0.03	0.03	0.03	5.60	0	0	6.23	1213	0	-0	0	5.8	BAD	BAD	171	163	0	12.7	0.0
144834	0.03	0.03	0.03	0.03	5.59	89	0	6.23	1221	0	-0	0	5.8	BAD	BAD	171	164	0	11.7	0.0
144835	0.03	0.03	0.03	0.03	5.58	0	0	6.24	1226	0	-0	0	5.8	BAD	BAD	170	163	0	10.9	0.0
144836	0.03	0.03	0.03	0.03	5.57	0	0	6.24	1219	0	-0	0	5.8	BAD	BAD	171	163	0	10.6	0.0
144837	0.03	0.03	0.03	0.03	5.56	0	0	6.24	1231	0	-0	0	5.8	BAD	BAD	171	163	0	11.8	0.0
144838	0.03	0.03	0.03	0.03	5.55	0	0	6.25	1223	0	-0	0	5.8	BAD	BAD	171	163	0	12.6	0.0
144839	0.03	0.03	0.03	0.03	5.53	0	0	6.25	1228	0	-0	0	5.8	BAD	BAD	171	163	0	14.2	0.0
144840	0.03	0.03	0.03	0.03	5.52	0	0	6.26	1226	0	-0	0	5.8	BAD	BAD	170	163	0	15.4	0.0
144841	0.03	0.03	0.03	0.03	5.51	0	0	6.26	1224	0	-0	0	5.9	BAD	BAD	171	163	0	15.8	0.0
144842	0.03	0.03	0.03	0.03	5.50	0	0	6.26	1234	0	-0	0	5.8	BAD	BAD	170	162	0	15.4	0.0
144843	0.03	0.03	0.03	0.03	5.48	0	0	6.27	1234	0	-0	0	5.9	BAD	BAD	170	162	0	14.5	0.0
144844	0.03	0.03	0.03	0.03	5.47	0	0	6.27	1213	0	-0	0	5.9	BAD	BAD	171	162	0	14.2	0.0
144845	0.03	0.03	0.03	0.03	5.46	0	0	6.27	1227	0	-0	0	5.9	BAD	BAD	170	162	0	13.1	0.0
144846	0.03	0.03	0.03	0.03	5.45	0	0	6.28	1252	0	-0	0	5.9	BAD	BAD	170	162	0	12.8	0.0

144848	0.03	0.03	0.03	0.03	5.43	0	0	6.29	1207	0	-0	0	5.9	BAD	BAD	170	162	0	12.4	0.0
144849	0.03	0.03	0.03	0.03	5.41	0	0	6.29	1225	0	-0	0	5.9	BAD	BAD	170	162	0	13.0	0.0
144850	0.03	0.03	0.03	0.03	5.40	0	0	6.30	12	0	-0	0	5.9	BAD	BAD	170	161	0	13.5	0.0
144851	0.03	0.03	0.03	0.03	5.38	0	0	6.30	12	0	-0	0	5.9	BAD	BAD	170	161	0	14.2	0.0
144852	0.03	0.03	0.03	0.03	5.37	0	0	6.31	1232	0	-0	0	5.9	BAD	BAD	170	161	0	15.7	0.0
144853	0.03	0.03	0.03	0.03	5.36	0	0	6.31	1245	0	-0	0	5.9	BAD	BAD	170	161	0	15.8	0.0
144854	0.03	0.03	0.03	0.00	5.35	0	0	6.31	1235	0	-0	0	5.9	BAD	BAD	169	160	0	15.7	0.0
144855	0.03	0.03	0.03	0.03	5.34	0	0	6.32	1228	0	-0	0	5.9	BAD	BAD	170	161	0	15.1	0.0
144856	0.03	0.03	0.03	0.03	5.33	0	0	6.32	1225	0	-0	0	5.9	BAD	BAD	170	161	0	15.1	0.0
144857	0.03	0.03	0.03	0.03	5.32	0	0	6.33	1248	0	-0	0	5.9	BAD	BAD	170	160	0	14.7	0.0

TIME	G001	G002	T001	T003	T004	G003	B007	B005	B006	A092
144658	178.8	18.05	5.05	5.88	1.566	15592	5.33	5.33	5.34	100.00
144659	172.5	18.12	5.05	5.86	1.560	15408	4.31	4.31	4.32	47.22
144700	165.9	18.17	5.04	5.84	1.562	15192	3.84	3.84	3.84	14.66
144701	162.0	18.27	5.04	5.62	1.566	14600	3.71	3.72	3.71	4.72
144702	171.3	18.31	5.04	5.16	1.564	14008	3.65	3.66	3.64	3.03
144703	186.3	18.44	5.04	4.60	1.564	13288	3.60	3.61	3.59	2.53
144704	200.7	18.59	5.06	4.08	1.562	12688	3.54	3.57	3.55	2.31
144705	219.9	18.54	5.06	3.57	1.564	12328	3.50	3.52	3.51	2.09
144706	232.5	18.55	5.06	3.13	1.562	11808	3.46	3.49	3.47	2.03
144707	247.2	18.61	5.03	2.58	1.558	11272	3.43	3.46	3.43	1.97
144708	256.8	18.67	4.99	2.10	1.556	10848	3.40	3.42	3.41	1.84
144709	262.5	18.70	4.93	1.73	1.554	10448	3.39	3.38	3.38	1.81
144710	263.7	18.71	4.85	1.43	1.552	10008	3.35	3.36	3.35	1.75
144711	262.5	18.68	4.78	1.16	1.549	9548	3.33	3.35	3.32	1.72
144712	259.2	18.66	4.70	0.91	1.551	9192	3.31	3.32	3.30	1.62
144713	255.3	18.65	4.61	0.71	1.551	8856	3.29	3.30	3.27	1.62
144714	249.0	18.61	4.54	0.55	1.551	8456	3.26	3.28	3.26	1.59
144715	244.8	18.48	4.44	0.39	1.543	8208	3.24	3.26	3.24	1.56

PLANT NAME: FUKUSHIMA DAIICHI-1

144716	239.7	18.46	4.34	0.29	1.549	7944	3.22	3.24	3.23	1.53
144717	239.4	18.41	4.24	0.23	1.545	7848	3.21	3.22	3.21	1.50
144718	239.7	18.40	4.14	0.19	1.541	7792	3.18	3.21	3.19	1.47
OD-7 OPT.3 CONTROL ROD NOTCH POSITIONS (PERIODIC PRINT)										
144719	238.8	18.38	4.04	0.16	1.539	7696	3.16	3.19	3.17	1.47
144720	202.8	18.19	3.93	0.13	1.541	6552	3.14	3.17	3.15	1.44
11-MAR-2011 15:00 PRINTED										
144721	187.2	18.13	3.85	0.12	1.543	6064	3.12	3.16	3.14	1.41
144722	181.2	18.11	3.78	0.10	1.538	5992	3.12	3.14	3.12	1.41
43	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
144723	192.9	18.00	3.70	0.09	1.538	6360	3.11	3.12	3.11	1.37
39	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
144724	203.1	18.06	3.63	0.10	1.541	6656	3.09	3.11	3.09	1.34
35	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
144725	211.2	18.10	3.54	0.13	1.539	6888	3.07	3.09	3.07	1.31
31	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
144726	215.4	18.09	3.48	0.12	1.541	7000	3.07	3.07	3.06	1.28
27	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
144727	216.6	18.09	3.43	0.10	1.538	7024	3.06	3.07	3.05	1.25
23	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
144728	215.1	18.11	3.36	0.09	1.539	6952	3.04	3.06	3.03	1.25
19	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
144729	212.1	18.12	3.33	0.06	1.536	6848	3.02	3.05	3.01	1.25
15	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
144730	207.6	18.15	3.28	0.04	1.539	6672	3.01	3.03	3.00	1.25
11	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
144731	197.4	18.19	3.23	0.03	1.530	6304	2.99	3.01	2.98	1.25
07	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
144732	179.1	18.21	3.19	0.01	1.538	5624	2.97	3.00	2.97	1.22
03	-99	-99	-99	-99	-99	-99	-99	-99	-99	-99
144733	156.3	18.15	3.15	0.01	1.530	5024	2.97	2.99	2.95	1.22
144734	148.5	18.08	3.13	0.00	1.534	4808	2.95	2.97	2.95	1.19
02	06	10	14	18	22	26	30	34	38	42
144735	153.9	18.03	3.09	-0.01	1.526	5056	2.95	2.94	2.93	1.16
144736	162.9	18.04	3.06	-0.02	1.521	5328	2.93	2.93	2.92	1.19
144737	170.4	18.05	3.02	-0.02	1.513	5576	2.91	2.93	2.91	1.12
144738	175.5	18.07	3.00	-0.03	1.506	5728	2.90	2.92	2.89	1.06
S = SUBSTITUTE VALUE										
144739	182.4	18.00	2.98	-0.04	1.502	5992	2.89	2.91	2.87	1.06
-99 = MISSING CONTROL ROD POSITION										
144740	183.9	18.06	2.96	-0.05	1.494	6008	2.88	2.89	2.86	1.06
144741	184.8	18.07	2.94	-0.05	1.496	6040	2.87	2.88	2.85	1.06
144742	186.0	18.03	2.91	-0.05	1.489	6120	2.85	2.86	2.83	1.06
144743	214.5	17.76	2.90	-0.06	1.476	7408	2.84	2.85	2.82	1.06
144744	216.6	18.15	2.88	-0.06	1.476	7112	2.83	2.85	2.81	1.06
144745	109.2	19.47	2.86	-0.06	1.476	2568	2.82	2.83	2.80	1.06
144746	22.5	18.08	2.84	-0.06	1.472	728	2.80	2.81	2.78	1.03
144747	13.2	17.43	2.82	-0.06	1.451	576	2.78	2.81	2.77	1.03
144748	15.9	18.37	2.81	-0.07	1.449	600	2.77	2.80	2.76	1.06
144749	4.5	17.25	2.80	-0.07	1.434	104	2.76	2.79	2.75	1.06
144750	39.0	13.71	BAD	BAD	BAD	BAD	2.75	2.77	2.74	1.06
144751	120.9	9.81	BAD	BAD	BAD	BAD	2.73	2.76	2.74	0.87
144752	38.4	4.38	BAD	BAD	BAD	BAD	2.72	2.75	2.74	0.22

144754	12.9	0.17	BAD	BAD	BAD	BAD	2.69	2.73	2.70	0.03
144755	9.6	BAD	BAD	BAD	BAD	-192	2.69	2.72	2.69	0.03
144756	7.2	BAD	BAD	BAD	BAD	-184	2.68	2.71	2.68	0.03
144757	2.7	2.98	BAD	BAD	BAD	536	2.67	2.70	2.66	0.03
144758	0.3	3.90	BAD	BAD	BAD	24	2.68	2.70	2.67	0.03
144759	0.3	3.48	2.04	BAD	1.189	-8	2.65	2.69	2.66	0.03
144800	0.0	3.02	2.60	-0.07	1.393	-16	2.64	2.67	2.64	0.03
144801	0.3	2.60	2.66	-0.06	1.406	-8	2.63	2.66	2.63	0.03
144802	0.3	2.24	2.66	-0.06	1.401	-8	2.62	2.65	2.62	0.03
144803	0.0	1.94	2.66	-0.06	1.397	-8	2.60	2.64	2.62	0.03
144804	0.0	1.66	2.65	-0.06	1.399	-8	2.60	2.63	2.60	0.03
144805	0.0	1.36	2.65	-0.06	1.401	-16	2.58	2.61	2.59	0.03
144806	0.0	1.23	2.65	-0.06	1.395	-16	2.58	2.60	2.58	0.03
144807	0.0	1.05	2.65	-0.06	1.399	-8	2.56	2.59	2.57	0.03
144808	0.0	0.89	2.64	-0.05	1.399	-16	2.56	2.57	2.56	0.03
144809	0.3	0.74	2.65	-0.05	1.393	-16	2.54	2.57	2.55	0.03
144810	0.0	0.57	2.64	-0.05	1.389	-8	2.53	2.56	2.54	0.03
144811	0.0	0.47	2.64	-0.05	1.389	-8	2.53	2.55	2.53	0.03
144812	0.0	0.33	2.64	-0.05	1.386	-16	2.52	2.54	2.52	0.03
144813	0.0	0.22	2.64	-0.05	1.380	-16	2.51	2.54	2.51	0.03
144814	0.0	0.12	2.64	-0.05	1.374	-16	2.50	2.53	2.51	0.03
144815	0.0	0.04	2.64	-0.05	1.376	-8	2.49	2.52	2.50	0.03
144816	0.0	0.01	2.65	-0.05	1.378	-8	2.48	2.51	2.49	0.03
144817	0.0	0.00	2.64	-0.05	1.371	-8	2.47	2.50	2.48	0.03
144818	0.0	-0.01	2.64	-0.04	1.367	-8	2.46	2.49	2.47	0.03
144819	0.0	-0.02	2.64	-0.05	1.369	-8	2.45	2.47	2.45	0.03
144820	0.0	-0.02	2.64	-0.05	1.367	-8	2.44	2.47	2.44	0.03
144821	0.0	-0.02	2.64	-0.04	1.361	-16	2.43	2.46	2.44	0.03
144822	0.0	-0.02	2.64	-0.04	1.363	-8	2.42	2.46	2.43	0.03
144823	0.0	-0.02	2.64	-0.04	1.363	-8	2.41	2.45	2.42	0.03
144824	0.0	-0.03	2.64	-0.04	1.359	-8	2.40	2.44	2.41	0.03
144825	0.0	-0.02	2.62	-0.04	1.356	-8	2.39	2.43	2.40	0.03
144826	0.0	-0.02	2.64	-0.04	1.354	-8	2.39	2.43	2.39	0.03
144827	0.3	-0.02	2.64	-0.04	1.352	-8	2.38	2.41	2.39	0.03
144828	0.0	-0.03	2.64	-0.04	1.350	-8	2.37	2.41	2.38	0.03
144829	0.0	-0.03	2.64	-0.04	1.350	-8	2.36	2.40	2.38	0.03
144830	0.0	-0.02	2.64	-0.04	1.348	-8	2.34	2.40	2.37	0.03
144831	0.0	-0.02	2.64	-0.04	1.344	-8	2.34	2.39	2.36	0.03
144832	0.0	-0.02	2.64	-0.04	1.341	-16	2.33	2.38	2.36	0.03
144833	0.0	-0.02	2.64	-0.03	1.341	-8	2.33	2.37	2.35	0.03
144834	0.0	-0.03	2.64	-0.03	1.337	-8	2.32	2.36	2.34	0.03
144835	0.0	-0.03	2.64	-0.03	1.335	-8	2.32	2.35	2.33	0.03
144836	0.0	-0.02	2.64	-0.03	1.333	-8	2.31	2.34	2.32	0.03
144837	0.0	-0.03	2.64	-0.03	1.331	-8	2.30	2.33	2.31	0.03
144838	0.0	-0.03	2.65	-0.03	1.335	-8	2.29	2.32	2.30	0.03
144839	0.0	-0.03	2.65	-0.03	1.333	-8	2.28	2.32	2.29	0.03
144840	0.0	-0.03	2.66	-0.03	1.331	-8	2.28	2.31	2.28	0.03
144841	0.0	-0.02	2.66	-0.03	1.329	-8	2.27	2.30	2.28	0.03
144842	0.0	-0.03	2.66	-0.02	1.326	-8	2.26	2.30	2.27	0.03
144843	0.0	-0.03	2.68	-0.02	1.326	-8	2.26	2.29	2.26	0.03
144844	0.0	-0.03	2.69	-0.03	1.324	-16	2.25	2.29	2.25	0.03
144845	0.0	-0.02	2.69	-0.02	1.324	-8	2.24	2.28	2.24	0.03
144846	0.0	-0.03	2.70	-0.02	1.320	-8	2.23	2.27	2.24	0.03
144847	0.0	-0.03	2.70	-0.02	1.316	-16	2.22	2.26	2.24	0.03
144848	0.0	-0.03	2.71	-0.02	1.316	-8	2.21	2.25	2.24	0.03
144849	0.0	-0.03	2.73	-0.02	1.314	-16	2.20	2.23	2.23	0.03
144850	0.0	-0.03	2.73	-0.02	1.312	-8	2.20	2.23	2.22	0.03
144851	0.0	-0.03	2.73	-0.02	1.311	-16	2.19	2.23	2.21	0.03
144852	0.0	-0.03	2.73	-0.02	1.311	-16	2.18	2.23	2.20	0.03
144853	0.0	-0.02	2.73	-0.02	1.308	-8	2.18	2.22	2.20	0.03
144854	0.0	-0.03	2.74	-0.02	1.303	-8	2.17	2.21	2.19	0.03
144855	0.0	-0.03	2.75	-0.02	1.303	-8	2.16	2.20	2.18	0.03
144856	0.0	-0.02	2.75	-0.02	1.303	-8	2.16	2.20	2.16	0.03
144857	0.0	-0.02	2.76	-0.02	1.299	-8	2.15	2.20	2.15	0.03

1800 BOP TRANSFER DATA

C027	A099	B000	A088	A089	A090	A091	A092	A093	01	E005	E006	E007
7.3	0.06	0.06	0.03	0.03	0.03	0.03	0.03	0.03	0	0	6981	6952