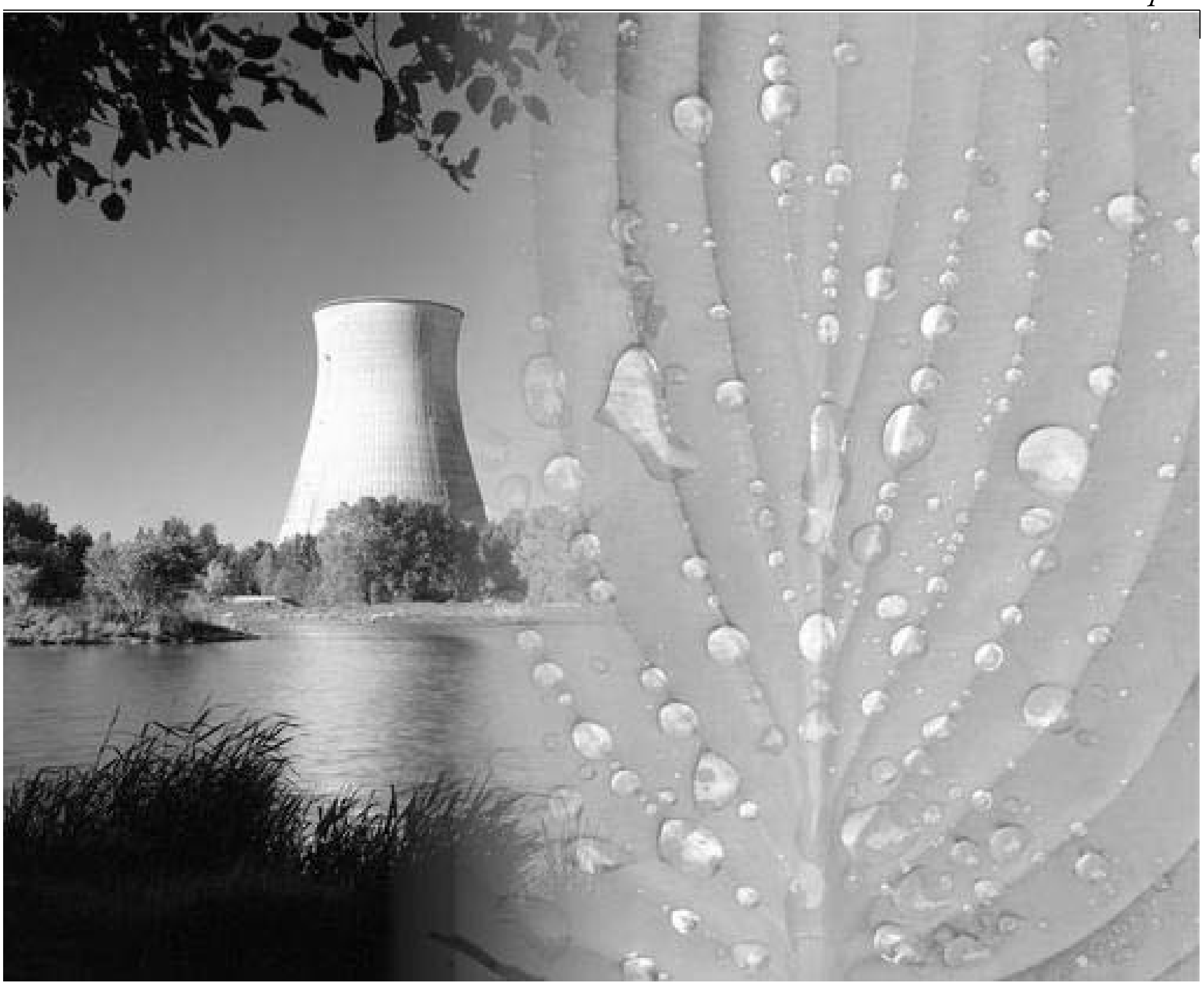
Plant Application of On-Line Monitoring for Calibration Interval Extension of Safety-Related Instruments: Volume 2

Technical Report



Plant Application of On-Line Monitoring for Calibration Interval Extension of Safety-Related Instruments: Volume 2

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Final Report, December 2006

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PRODUCT DESCRIPTION

This is Volume 2 of a two-volume report that presents the data analysis details for a commercial implementation of on-line monitoring (OLM) technologies for instrument calibration interval extension in a nuclear power plant. This implementation was performed at British Energy's (BE's) Sizewell B nuclear power station.

The full implementation of OLM at Sizewell B for calibration interval extension of the plant's primary protection system (PPS) transmitters is scheduled over the course of three fuel outages, of which Cycle 7 was the first. This volume presents OLM analysis results for Sizewell B transmitters for Cycles 5, 6, and 7; the results provide the supporting information and analysis to validate the methodology applied in Cycles 5 and 6 and to extend calibration intervals during the refueling outage following Cycle 7.

Results and Findings

During the first outage, the intervals of 70% of the transmitters that were candidates for calibration interval extension were in fact extended. During the initial implementation, an additional 10% of the candidate transmitters were scheduled for calibration as a conservative measure; however, these 10% could have been extended if desired. Overall, 80% of the transmitters evaluated during the first cycle of OLM for calibration interval extension at Sizewell B were found to be within calibration throughout the fuel cycle.

The savings from calibration interval extension and OLM are expected to amount to more than $1 million per outage day avoided, or $5 million per operating cycle by the time the project is completed. The demonstration will have covered 200 or more primary protection transmitters by 2008. Additional savings will result from reducing other direct and indirect costs, such as labor costs, radiation exposure, and calibration errors.

Challenges and Objectives

This volume compiles the supporting data analysis for the Sizewell B OLM implementation.

Applications, Value, and Use

This implementation of OLM for calibration interval extension of safety-related transmitters in a nuclear power plant is the first commercial implementation of this technology in more than a decade. The methodology applied will serve as a guide for other utilities that wish to pursue similar extension of calibration intervals. BE's goal is to expand the application of on-line calibration monitoring over time to nearly 2500 transmitters, including many in the secondary system (steam side) of the plant. This report will be supplemented with additional results through 2009 as available.

EPRI Perspective

EPRI's strategic role in OLM is to facilitate the implementation and use of OLM in numerous applications at power plants. OLM of instrument channels provides increased information about the condition of monitored channels through accurate, more frequent evaluation of each channel's performance over time. This type of performance monitoring offers an alternative approach to traditional time-directed calibration. EPRI remains committed to the development and implementation of OLM as a tool for extending calibration intervals and evaluating instrument performance.

Approach

This volume presents the detailed supporting information for the OLM project performed at the Sizewell B nuclear power plant in the United Kingdom, the goal of which is to optimize the frequency of calibration of pressure, level, and flow transmitters in the primary and secondary protection systems of the plant.

Keywords

On-line monitoring (OLM)
Calibration monitoring
Calibration interval extension

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1 INTRODUCTION

Together, the two volumes of this report document the implementation of on-line monitoring (OLM) for calibration interval extension of safety-related transmitters at British Energy's (BE's) Sizewell B nuclear power station. In Volume 1, the principles of OLM technologies were described along with the methodology used at Sizewell B. Whereas Volume 1 presented a summary OLM analysis for Sizewell B, this volume presents the full analysis results and provides the related supporting information.

Volume 2 compiles the supporting data for OLM implementation at the Sizewell B plant for operating Cycles 5–7. By October 2006, work was also completed for Cycle 8, and plans have been made for Cycle 9. As of this writing, BE and EPRI agree to have Analysis and Measurement Services Corporation (AMS) provide the results of Cycle 8 and Cycle 9 in two EPRI updates to this report. It is expected that after Cycle 9, the Sizewell B plant will take over the work from AMS and will continue to use this technology independently.

The following information is included in this report for the Sizewell transmitters that were analyzed by AMS using data from Cycles 5–7:

- Summary tables of the OLM analysis results that show which transmitters were good (that is, were in calibration) and which transmitters were bad (that is, were out of calibration)
- Cycle summary plots that contain five pieces of information per figure, including a table of monthly results, a plot of startup results versus operating range, a plot of shutdown results versus operating range, a plot of steady-state deviation over the cycle, and a plot of steady-state drift over the cycle
- Transient cycle drift analysis results (and plots) that quantify transmitter drift from the startup of a cycle to the subsequent shutdown

This report will serve as a reference by providing the supporting information for the on-line calibration monitoring results reported in Volume 1. As the first commercial implementation of OLM in a nuclear power plant, this application is still new, and a high level of conservatism and extra analysis have been undertaken to provide ample assurance of the quality and reliability of the results. Note that Electricité de France (EDF) has been applying a similar technique for more than a decade; however, no other applications of OLM are known to exist in nuclear power plants.

This volume presents results for Cycles 5–7; however, a limited number of transmitters from Cycle 7 were actually approved for calibration interval extension. The Cycle 5 and 6 results were used to establish and validate the applied methodology. The full implementation of OLM at Sizewell for calibration interval extension of the plant's primary protection system (PPS) transmitters is scheduled to take place over the course of three fuel outages, of which Cycle 7 was the first. In accordance with the implementation plan, only one instrument train in a redundant set was a candidate for interval extension at the end of Cycle 7. This works out to roughly 25% of the PPS transmitters being candidates for calibration interval extension at the end of Cycle 7, 50% at the end of Cycle 8, and 75% at the end of Cycle 9. Additional supporting information regarding the Sizewell B implementation is available in Volume 1.

Organization of This Report

Section 2 of this report explains the usefulness of the data analysis presented in the report's appendices as supporting information for BE's calibration interval extension program. The bulk of this report resides in three appendices, one for each of three fuel cycles (Cycles 5, 6, and 7).

2

PRESENTATION OF ON-LINE CALIBRATION MONITORING RESULTS

Overview of Analysis

Three distinct periods of data are treated separately in the OLM analysis of Sizewell transmitters (see Figure 2-1). During startup, the transmitter's deviation from the parameter estimate is viewed as a function of time and compared to the OLM allowable limits and as a function of transmitter operating range. On a monthly basis over the steady-state period, transmitter deviations from the parameter estimate are analyzed as a function of time and compared to the OLM allowable limits. In addition, during the steady-state period, any initial zero bias is subtracted from all subsequent deviations, and the resultant deviations are compared to the manufacturer's drift specifications to identify sensor drifts over the course of the operating cycle. Analyses during shutdown are analogous to those for startup. In addition, a quantitative analysis—referred to as *transient cycle drift analysis*—is performed. This approach was devised to correlate with the Single Calibration Regression Methodology (SCRM) as defined by BE. In general, the transient cycle drift analysis compares deviations observed at the beginning and end of a fuel cycle to identify changes that have occurred over the course of the cycle.

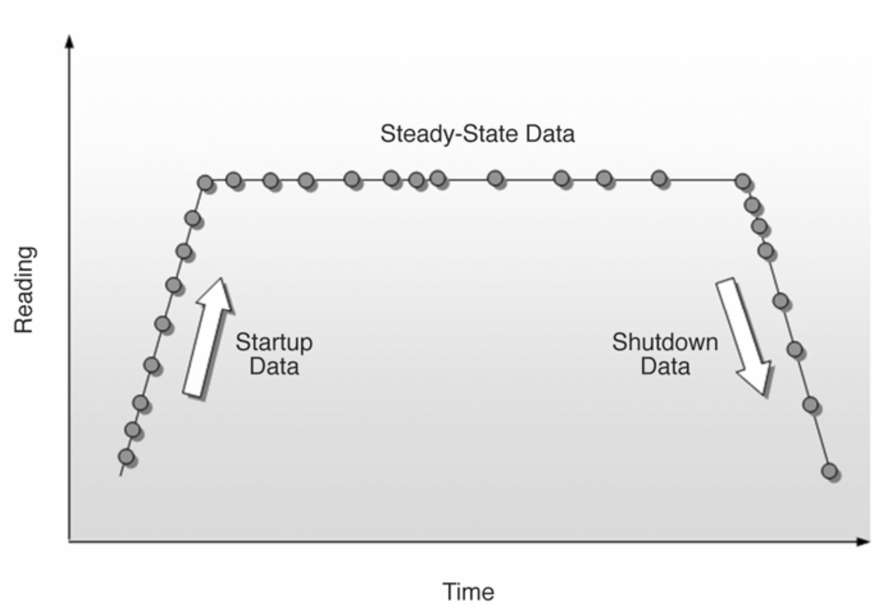


Figure 2-1
Illustration of the Three Distinct Regions of a Typical Nuclear Plant Fuel Cycle

Presentation of Results

Each of the three appendices provides the following sets of information:

1. OLM results for PPS transmitters. In this section, the overall classification of good (within calibration) and bad (out of calibration) is presented. These assessments are based on the OLM analysis during startup, steady state, and shutdown. Any deviations (between sensor measurements and the parameter estimate) that consistently exceed the specified OLM allowance criteria at any point in the fuel cycle will result in the corresponding transmitter being classified as bad. These classifications are used to determine which transmitter calibration intervals should be extended. There are 77 transmitters included in the analyses for Cycles 5 and 6 and 197 transmitters in the Cycle 7 analysis.
2. Summary plots. This section presents cycle summaries for each group of redundant transmitters. At the beginning of the summary plot section in each appendix is a table that lists services. These services are illustrated in a set of subsequent figures. Each summary figure consists of the following five separate pieces of information for each set of redundant transmitters:
    a. A table showing results for startup, steady state on a monthly basis, shutdown, cycle drift, and the final result
    b. A plot of startup results versus transmitter span
    c. A plot of shutdown results versus transmitter span
    d. A plot showing all redundant transmitter deviations versus time
    e. A plot of transmitter drift versus time
3. Transient cycle drift analysis. This section presents the results of the OLM regression methodology for quantifying the zero and span changes that might occur during an operating cycle. At the beginning of this section in each of the three appendices is a table that summarizes the results for all of the transmitters included in the transient drift cycle analyses for the specified fuel cycle. The supporting data for the summary table are presented in subsequent plots of startup and shutdown drift versus operating range for each transmitter. Each transient cycle drift analysis figure consists of the following four separate pieces of information:
    a. A plot of startup deviation versus span
    b. A plot of shutdown deviation versus span
    c. A plot of the differences between 1 and 2 in this list
    d. A table of results for the group of redundant transmitters analyzed together

The results tables for the transient cycle drift analyses provide good/bad classification based on whether the line obtained as the difference between the shutdown results and startup results crosses the drift limits specified by the transmitter manufacturer. This classification is independent of the similar classification described in the sections “OLM Results for PPS Transmitters.” Note that although the transient cycle drift analysis results can provide useful insight, transient cycle drift analysis is not a requirement in determining whether a transmitter’s calibration should be postponed. For further details on how these results were obtained, refer to Volume 1.

Plots of Deviation Versus Span

The presentation shown in Figure 2-2 consists of three plots: 1) the raw data from plant startup, 2) the deviation of each signal from the average of its peers (excluding any outliers), and 3) the deviation of each transmitter from the average of its peers plotted as a function of the transmitter’s operating range. In the last two plots, the allowable deviation limits are also shown. Information on how these limits are established is presented in Volume 1.

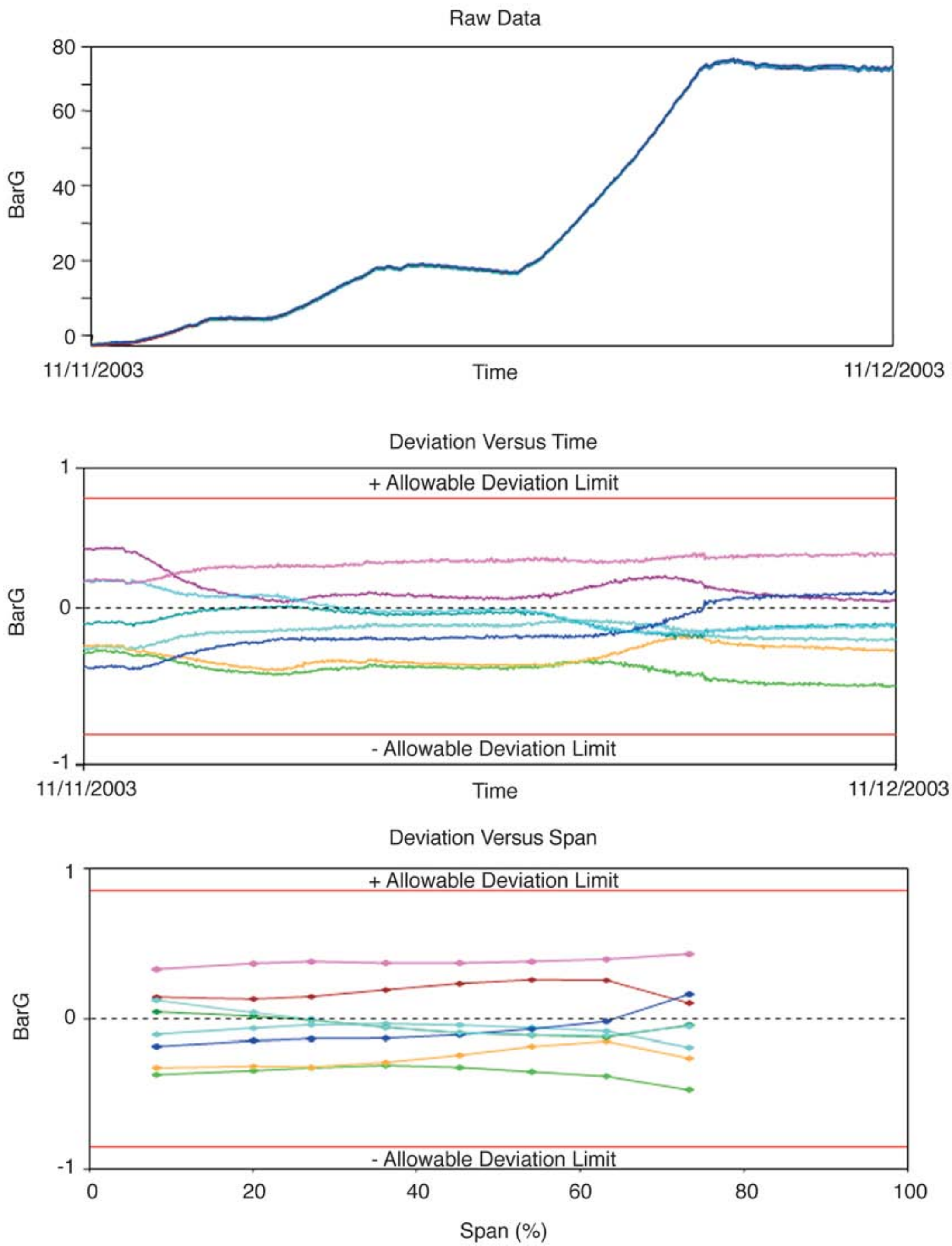


Figure 2-2
Plots of Raw Data, Deviation Versus Time, and Deviation Versus Span (Startup)

Plots of Deviation and Drift Versus Time

This presentation (see Figure 2-3) provides OLM results for each month of normal plant operation. Two plots, both representing the deviation of each transmitter from the average of its peers (less any outliers), are shown. The *deviation plot* shows the deviation of the transmitters, including any bias that might come from the differences in the manual calibration of the transmitters; process effects such as temperature effect or static pressure effect; and so on. In the second plot, which is referred to as a *drift plot*, the bias is removed from the deviation data by subtracting the first data point, thereby showing only the drift of the transmitters. The allowable limits for the deviation and drift are also shown in these plots. Information on how these limits are established is presented in Volume 1.

The plots in Figure 2-3 represent 11 months of data that were retrieved during periods of normal plant operation. Every month, 12 hours of data were retrieved from the plant computer and analyzed to produce a single point on the deviation versus span analysis. Each point in the data represents the result for a transmitter from analysis of a 12-hour data record. This 12-hour duration was established in a feasibility study that compared results from different sampling times.

Table of Monthly Results

Table 2-1 shows an example of on-line calibration monitoring results for 16 PPS transmitters at Sizewell B from Cycle 7 startup data, 17 months of operating data, and Cycle 7 shutdown data. For each transmitter, an X is shown for each month that the transmitter exceeded its deviation limit. In addition, at the end of the 17-month monitoring period, the results were reviewed for any evidence of drift beyond acceptable limits. The drift here was identified by removing the first-month bias from the data so that only the drift remained. Any transmitter exceeding its drift limit is given an X under the drift column in Table 2-1. The final column is labeled “Check Calibration.” In this column, *yes* indicates that the transmitter must be calibrated, and *no* indicates that the transmitter needs no calibration. When adequate data are not available to arrive at a *yes* or *no* for the last column of Table 2-1, the transmitter gets an *N/A*, meaning the data were not adequate to yield a definitive result. All transmitters marked *N/A* must therefore be calibrated.

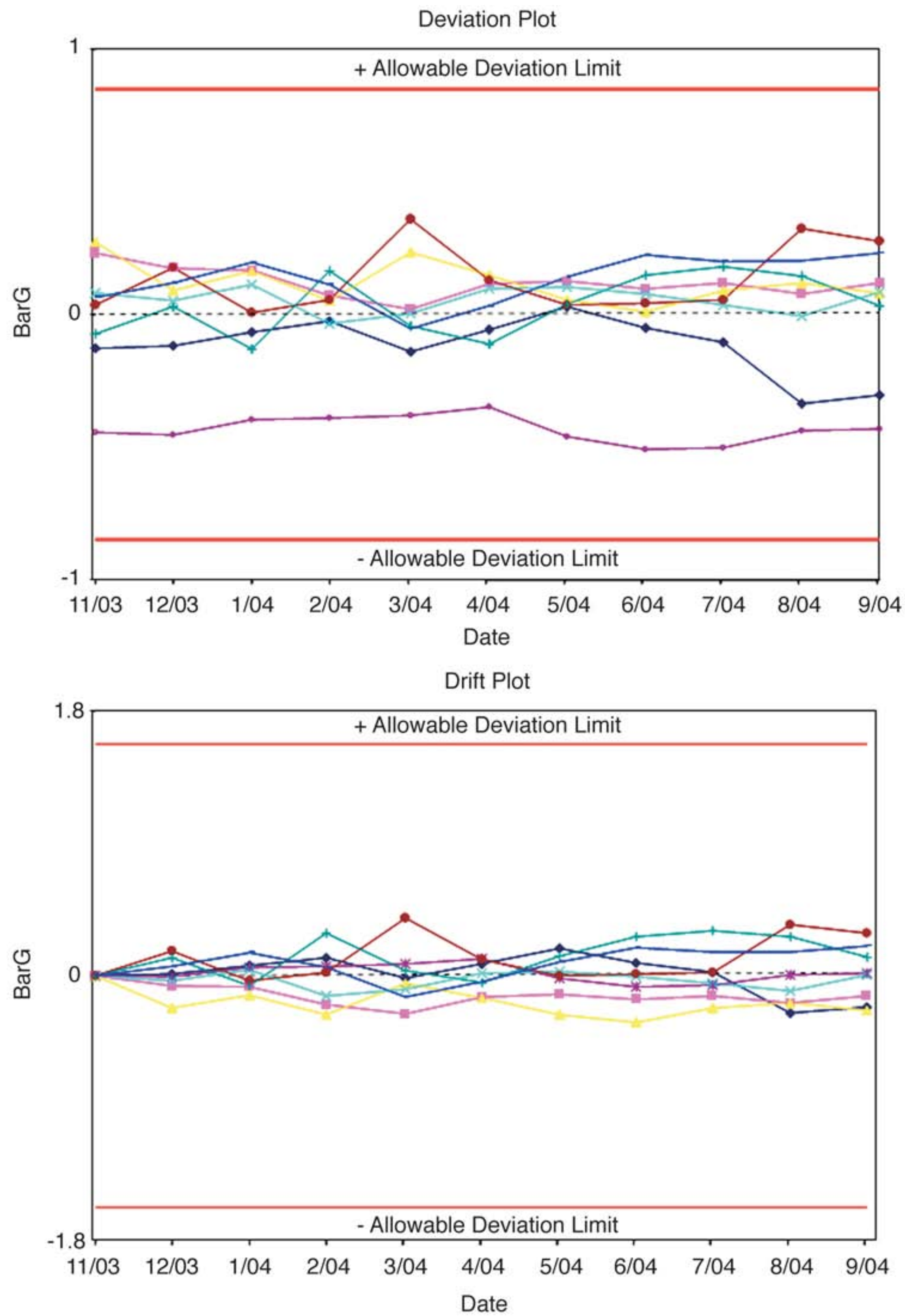


Figure 2-3
Deviation and Drift Versus Time

Table 2-1
Sample Results for PPS Transmitters (Cycle 7)

Item	Tag	Type	Startup	Nov-03	Dec-03	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04	Dec-04	Jan-05	Feb-05	Mar-05	Shutdown	Drift	Check Calibration
1	1AB-P-0513-W	PPS									X	X	X	X	X	X	X	X	X	X			Yes
2	1AB-P-0514-W	PPS	X																		X		Yes
3	1AB-P-0515-W	PPS																					No
4	1AB-P-0516-W	PPS																					No
5	1AB-P-0523-W	PPS																					No
6	1AB-P-0524-W	PPS																					No
7	1AB-P-0525-W	PPS																					No
8	1AB-P-0526-W	PPS																					No
9	1AB-P-0533-W	PPS																					No
10	1AB-P-0534-W	PPS																					No
11	1AB-P-0535-W	PPS																					No
12	1AB-P-0536-W	PPS																					No
13	1AB-P-0543-W	PPS	X	X	X	X																	Yes
14	1AB-P-0544-W	PPS																					No
15	1AB-P-0545-W	PPS																					No
16	1AB-P-0546-W	PPS																					No

X = exceeded the acceptance limits

Of the 16 PPS transmitters listed, three are identified with a *yes*—they should be calibrated. Nearly 20% of transmitters received a yes, which does not match well with the expectation of 10% or less. The reason for this is that AMS is being very conservative in arriving at the final results. That is, for any indication of any issues in the data or results, AMS marks the transmitter *bad.* As more experience is accumulated, this level of excessive conservatism can be relaxed, which should improve the statistics.

Using the "Check Calibration" column in Table 2-1, a new table is produced (see Table 2-2) that lists the transmitter group name, tag name, and the calibration results. This is the table that is used by the plant personnel to schedule the transmitters that must be calibrated. In Table 2-2, *good* means that a calibration was not required, *bad* means that a calibration was necessary, and *N/A* means that adequate data were not available to make an assessment of the calibration status of the transmitter.

Table 2-2
Example of Final Results of On-Line Calibration Monitoring

Item	Group	Tag	Result
1	Main Steam Pressure Loop 1	1AB-P-0513-W	Bad
2	Main Steam Pressure Loop 1	1AB-P-0514-W	Bad
3	Main Steam Pressure Loop 1	1AB-P-0515-W	Good
4	Main Steam Pressure Loop 1	1AB-P-0516-W	Good
5	Main Steam Pressure Loop 2	1AB-P-0523-W	Good
6	Main Steam Pressure Loop 2	1AB-P-0524-W	Good
7	Main Steam Pressure Loop 2	1AB-P-0525-W	Good
8	Main Steam Pressure Loop 2	1AB-P-0526-W	Good
9	Main Steam Pressure Loop 3	1AB-P-0533-W	Good
10	Main Steam Pressure Loop 3	1AB-P-0534-W	Good
11	Main Steam Pressure Loop 3	1AB-P-0535-W	Good
12	Main Steam Pressure Loop 3	1AB-P-0536-W	Good
13	Main Steam Pressure Loop 4	1AB-P-0543-W	Bad
14	Main Steam Pressure Loop 4	1AB-P-0544-W	Good
15	Main Steam Pressure Loop 4	1AB-P-0545-W	Good
16	Main Steam Pressure Loop 4	1AB-P-0546-W	Good

Cycle Summaries

After the startup data, steady-state data, and shutdown data have been analyzed, the results are presented for each service (or group of redundant transmitters) in a cycle summary (see Figure 2-4). This summary has a table at the top similar to Table 2-1, except that the last column is labeled “Final” and has an X to indicate whether the transmitter requires a calibration. On the left in Figure 2-4, below the table, are the deviation versus span plots for the startup data at the beginning of the cycle and the shutdown data at the end of the cycle. To the right below the table are the steady-state deviation and steady-state drift plots. Figure 2-4 has both PPS and secondary protection system (SPS) transmitters with different limits. When shown in a group as in Figure 2-4, the limit for the first sensor—a PPS sensor in this case—is displayed. Although the SPS sensors appear to pass the displayed PPS limits, the SPS limits are actually smaller. For example, if 1AB-P-0174-W were viewed alone, it would be evident that it exceeds its limits. The same is true for the deviation and drift plots.

Group: MAIN STEAM PRESSURE LOOP 1 Summary File: cycle 7 Test Engineer: AMS

Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final
1AB-P-0513-W	PPS									X	X	X	X	X	X	X	X	X	X			X
1AB-P-0514-W	PPS	X																		X		X
1AB-P-0515-W	PPS																					
1AB-P-0516-W	PPS																					
1AB-P-0177-W	PFM						X		X	X											X	X
1AB-P-0174-W	SPS																			X	X	X
1AB-P-0175-W	SPS																				X	X
1AB-P-0137-W	SPS																				X	X
1AB-P-0138-W	SPS		X																		X	X

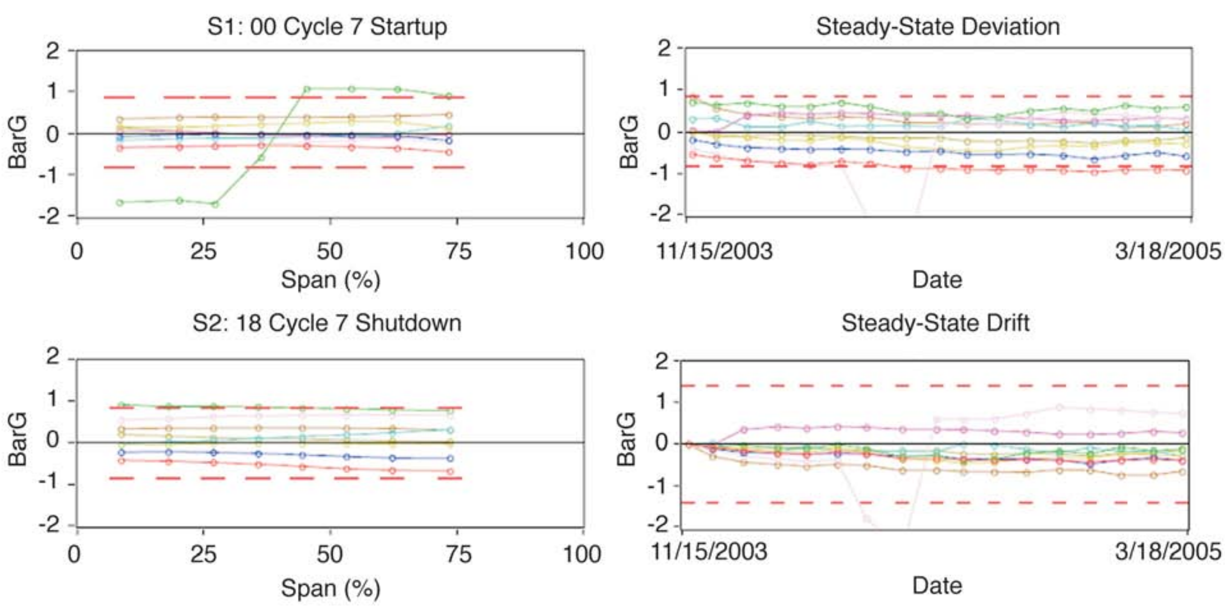
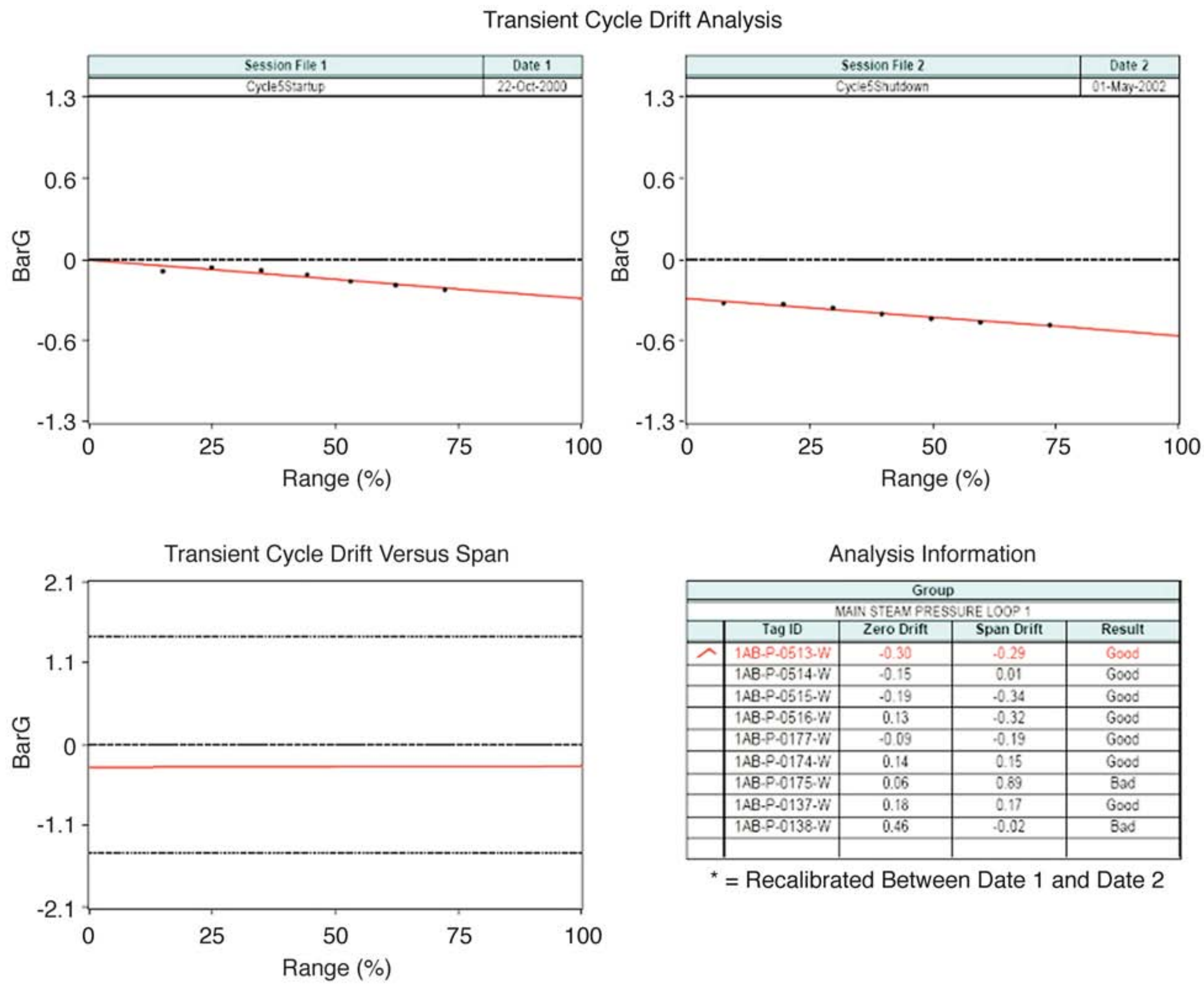


Figure 2-4
Cycle Summary Plot for Main Steam Pressure Loop 1, Cycle 7

The preceding information summarizes the state of the transmitter's calibration during the entire cycle. In some cases, a transmitter might be out during some months of the cycle but be within its acceptance limits toward the end of the cycle and during shutdown. In these cases, an evaluation is made to determine whether the transmitter's calibration should be declared good or bad. In particular, plant personnel are normally asked to review any work that might have been done on the transmitter or any disturbance that the transmitter might have experienced. This information is then used to determine whether the transmitter calibration should be declared good or bad.

Presentation of OLM Results in Terms of Zero and/or Span Shift

To express the OLM results in terms of zero and/or span changes, the results of the startup analysis and shutdown data analysis are compared to determine the change in a transmitter's calibration over the period between plant startup and post-shutdown (that is, 18 months later). Three plots are shown in this presentation (an example is shown in Figure 2-5, which is based on Cycle 5 startup data and Cycle 5 shutdown data from Sizewell B). These three plots are 1) the deviation of a transmitter from the average of its peers plotted versus the transmitter's calibrated span over the Cycle 5 startup period, 2) the deviation of the same transmitter from the average of its peers plotted versus the transmitter's calibrated span over the Cycle 5 shutdown period, and 3) the difference between the startup and shutdown results (that is, the drift during the cycle plotted versus the transmitter's span).



Group				
MAIN STEAM PRESSURE LOOP 1				
	Tag ID	Zero Drift	Span Drift	Result
^	1AB-P-0513-W	-0.30	-0.29	Good
	1AB-P-0514-W	-0.15	0.01	Good
	1AB-P-0515-W	-0.19	-0.34	Good
	1AB-P-0516-W	0.13	-0.32	Good
	1AB-P-0177-W	-0.09	-0.19	Good
	1AB-P-0174-W	0.14	0.15	Good
	1AB-P-0175-W	0.06	0.89	Bad
	1AB-P-0137-W	0.18	0.17	Good
	1AB-P-0138-W	0.46	-0.02	Bad

* = Recalibrated Between Date 1 and Date 2

Figure 2-5
Transient Cycle Drift Analysis Example

When data are available for both startup and shutdown periods for a transmitter, any significant change in the zero and span that might have occurred during the cycle can be calculated. The procedure is to subtract the startup data from the shutdown data. Specifically, to identify changes in the zero and span of a transmitter, a straight line is fit through the startup data, as shown in the top left plot of Figure 2-5. The same is done for the shutdown data (see Figure 2-5, top right). The shutdown line is then subtracted from the startup line (see Figure 2-5, bottom left). The zero and span changes of the transmitter are shown in the "Analysis Information" table for each transmitter in the group (see Figure 2-5, bottom right).

This procedure was used at Sizewell for comparison of OLM results with those of manual calibrations for the purpose of validating the OLM approach for calibration monitoring. This procedure is not usually used to identify a transmitter's calibration status.

A
SUPPORTING DATA FOR RESULTS OF CYCLE 5

Cycle 5 analyses were performed on the data from startup collected in October 2000, from steady-state operation data collected in November and December 2001 and February and March 2002, and from shutdown data collected in May 2002. This was the first cycle that AMS used to present results to Sizewell. Note that in this cycle, steady-state operation data were analyzed only at mid-cycle (November–December 2001) and near the end of the cycle (February–March 2002) instead of every month as in Cycles 6 and 7. Meaningful steady-state results were obtained from the Cycle 5 data; however, the monthly data in Cycles 6 and 7 give a more complete picture of the transmitters' calibration status over the cycle.

During the analysis of Cycle 5 data from Sizewell, a number of interesting and important observations were made. These observations include the following:

- The groups Main Feed Flow to SG A, Main Feed Flow to SG B, Main Feed Flow to SG C, and Main Feed Flow to SG D all had large zero and span errors for the low end of the calibration range, which caused many of these transmitters to fail the recalibration limits. This was likely the result of a bias in the differential pressure measurement that is magnified at the low end of the calibration range because the flow is calculated from the square root of the differential pressure measurement.
- Chemical Volume Control System (CVCS) Control Tank Level transmitters might always fail because they exceed the acceptance limits. This is known to be a problem with entrapped gas in the sensing lines that develops over time; it is not a transmitter calibration problem.
- Reactor Building Pressure does not vary and is very close to the low end of its calibrated range, making it not readily amenable to on-line calibration monitoring. At the request of BE, AMS is still providing OLM results for this service.
- Steam Generator (SG) Level Narrow-Range Transmitters have larger deviations during plant operation because of process noise. These deviations cause some of the transmitters to exceed the OLM acceptance limits during the cycle, though the transmitters are clearly in calibration as observed in their shutdown transients.
- It was difficult to obtain sufficient data for some transmitters during shutdown as a result of manual calibrations that were performed as the process transitioned through the transmitters' range. It would be better from an OLM perspective if manual calibrations were performed after the transmitters go off scale.
- Reactant coolant transmitters transition through only a small portion of their range, which could require that they be monitored at a single point.

Cycle 5 OLM Results for PPS Transmitters

Table A-1 presents the results of Cycle 5 analysis of selected Sizewell B transmitters. In arriving at the final cycle results, AMS concentrated exclusively on those transmitters that are inside the containment of Sizewell B and were subjected to calibration at the end of Cycle 5 during the refueling outage (refueling outages are notated as *RF* plus the number of the operating cycle that the outage follows—RF05, for example). Note that in Table A-1, some results are accompanied by a letter designation in the "OLM Result" column. (The letter designations are explained in the notes that follow Table A-1.) In these cases, AMS did not use the default procedures for arriving at final results. Rather, collective information/engineering judgment was used to classify these 10 transmitters as good or bad.

Table A-1
OLM Analysis of Sizewell B Transmitters in Containment During RF05

Item #	Tag	Group	OLM Result
1	1AB-P-0513-W	Main Steam Pressure Loop 1	Good
2	1AB-P-0525-W	Main Steam Pressure Loop 2	Good
3	1AB-P-0536-W	Main Steam Pressure Loop 3	Good
4	1AB-P-0544-W	Main Steam Pressure Loop 4	Good
5	1AE-L-0501-W	SG A Level Wide-Range	Good
6	1AE-L-0505-W	SG A Level Wide-Range	Good
7	1AE-L-0502-W	SG B Level Wide-Range	Good
8	1AE-L-0506-W	SG B Level Wide-Range	Good
9	1AE-L-0503-W	SG C Level Wide-Range	Good
10	1AE-L-0507-W	SG C Level Wide-Range	Good
11	1AE-L-0504-W	SG D Level Wide-Range	Good
12	1AE-L-0508-W	SG D Level Wide-Range	Good
13	1AE-L-0517-W	SG A Level Narrow-Range	Good
14	1AE-L-0518-W	SG A Level Narrow-Range	Good
15	1AE-L-0519-W	SG A Level Narrow-Range	Good
16	1AE-L-0551-W	SG A Level Narrow-Range	Good
17	1AE-L-0527-W	SG B Level Narrow-Range	Good
18	1AE-L-0528-W	SG B Level Narrow-Range	Good
19	1AE-L-0529-W	SG B Level Narrow-Range	Good
20	1AE-L-0552-W	SG B Level Narrow-Range	Good[A]

Table A-1 (continued)
OLM Analysis of Sizewell B Transmitters in Containment During RFO5

Item #	Tag	Group	OLM Result
21	1AE-L-0537-W	SG C Level Narrow-Range	Good
22	1AE-L-0538-W	SG C Level Narrow-Range	Good
23	1AE-L-0539-W	SG C Level Narrow-Range	Good
24	1AE-L-0553-W	SG C Level Narrow-Range	Good[A]
25	1AE-L-0547-W	SG D Level Narrow-Range	Good
26	1AE-L-0548-W	SG D Level Narrow-Range	Good
27	1AE-L-0549-W	SG D Level Narrow-Range	Good
28	1AE-L-0554-W	SG D Level Narrow-Range	Good[A]
29	1AE-F-0515B-W	Main Feed Flow to SG A	Bad[B]
30	1AE-F-0525B-W	Main Feed Flow to SG B	Bad
31	1AE-F-0535B-W	Main Feed Flow to SG C	Good
32	1AE-F-0545B-W	Main Feed Flow to SG D	Good
33	1BB-P-0455-W	Pressurizer Pressure	Good
34	1BB-P-0456-W	Pressurizer Pressure	Bad[C]
35	1BB-P-0457-W	Pressurizer Pressure	Good
36	1BB-P-0458-W	Pressurizer Pressure	Bad
37	1BB-L-0465-W	Pressurizer Level	Bad
38	1BB-L-0466-W	Pressurizer Level	Good[D]
39	1BB-L-0467-W	Pressurizer Level	Good
40	1BB-L-0468-W	Pressurizer Level	Good
41	1BB-P-0406-W	Reactor Coolant System (RCS) Pressure Narrow-Range PPS	Good
42	1BB-P-0407-W	RCS Pressure Narrow-Range PPS	Bad
43	1BB-P-0408-W	RCS Pressure Narrow-Range PPS	Bad[E]
44	1BB-P-0409-W	RCS Pressure Narrow-Range PPS	Good
45	1BB-P-0401-W	RCS Pressure Wide-Range PPS	Good
46	1BB-P-0402-W	RCS Pressure Wide-Range PPS	Good
47	1BB-P-0403-W	RCS Pressure Wide-Range PPS	Good
48	1BB-P-0404-W	RCS Pressure Wide-Range PPS	Bad[F]

Table A-1 (continued)
OLM Analysis of Sizewell B Transmitters in Containment During RFO5

Item #	Tag	Group	OLM Result
49	1BB-F-0416-W	RCS Flow Loop 1	Good
50	1BB-F-0417-W	RCS Flow Loop 1	Good
51	1BB-F-0418-W	RCS Flow Loop 1	Good
52	1BB-F-0419=W	RCS Flow Loop 1	Good
53	1BB-F-0426-W	RCS Flow Loop 2	Good
54	1BB-F-0427-W	RCS Flow Loop 2	Good
55	1BB-F-0428-W	RCS Flow Loop 2	Good
56	1BB-F-0429-W	RCS Flow Loop 2	Good
57	1BB-F-0436-W	RCS Flow Loop 3	Good
58	1BB-F-0437-W	RCS Flow Loop 3	Good
59	1BB-F-0438-W	RCS Flow Loop 3	Good
60	1BB-F-0439-W	RCS Flow Loop 3	Bad
61	1BB-F-0446-W	RCS Flow Loop 4	Good
62	1BB-F-0447-W	RCS Flow Loop 4	Good
63	1BB-F-0448-W	RCS Flow Loop 4	Good
64	1BB-F-0449-W	RCS Flow Loop 4	Good
65	1BG-L-0142-W	CVCS Volume Control Tank Level	Bad
66	1BG-L-0143-W	CVCS Volume Control Tank Level	Bad
67	1BG-L-0144-W	CVCS Volume Control Tank Level	Bad
68	1BG-F-0145-W	CVCS Volume Control Tank Level	Bad
69	1BG-L-0149-W	CVCS Volume Control Tank Level	Bad
70	1GN-P-0934-W	Reactor Building Pressure	Good
71	1GN-P-0935-W	Reactor Building Pressure	Good
72	1GN-P-0936-W	Reactor Building Pressure	Good
73	1GN-P-0937-W	Reactor Building Pressure	Good[G]
74	1GN-P-0940-W	Reactor Building Pressure	Good
75	1GN-P-0941-W	Reactor Building Pressure	Bad[H]

Table A-1 (continued)
OLM Analysis of Sizewell B Transmitters in Containment During RFO5

Item #	Tag	Group	OLM Result
76	1GN-P-0942-W	Reactor Building Pressure	Good
77	1GN-P-0943-W	Reactor Building Pressure	Good

Notes:

A. These transmitters are good based on the shutdown data and should not have to be calibrated. However, it must be pointed out that these transmitters showed some deviations from process noise that caused them to exceed the allowable limits during the cycle.

B. This transmitter was good everywhere except at the lower end of the range. This transmitter was marked as bad, but it could be considered good if its calibration is not important at the lower end of its range.

C. This transmitter was good until April 29, 2002. The data show that something was done to the transmitter on April 29 that caused it to go off calibration. From that point forward, the transmitter became bad throughout its range.

D. This transmitter was bad. However, it seems that the calibration of the transmitter was checked on April 29 and adjusted. As a result, the transmitter became good after April 29 and remained good until the end of the shutdown data.

E. This transmitter was good until April 30. Then a sudden shift in its output on April 30 caused it to go out of calibration and remain out of calibration until the end of the shutdown data, which was only two hours later. Therefore, this transmitter was classified as bad.

F. This transmitter was classified as bad. The transmitter deviations exceeded the acceptance limits for 10 hours on May 2.

G. This transmitter was bad until May 4, on which date it appears to have been calibrated.

H. This transmitter was good before April 30, on which date it exceeded its acceptance limits.

For the preceding results, the parity space averaging technique was used by default in the first round of analysis. Following discussions between AMS and BE in April 2002 regarding the method of analysis, a simple or band averaging technique was used instead of parity space when necessary to analyze the data in the second round of analysis.

Cycle 5 Summary Plots

The services for which summary plots are provided in this section are listed in Table A-2. A summary plot is provided for each listed service in Figures A-1 through A-42, as indicated in Table A-2.

Table A-2
List of Services Included in the RF05 Summary Plots

Item #	Service	Summary Plot Figure Number
1	Main Steam Pressure Loop 1	A-1
2	Main Steam Pressure Loop 2	A-2
3	Main Steam Pressure Loop 3	A-3
4	Main Steam Pressure Loop 4	A-4
5	SG A Level Wide-Range	A-5
6	SG B Level Wide-Range	A-6
7	SG C Level Wide-Range	A-7
8	SG D Level Wide-Range	A-8
9	SG A Level Narrow-Range	A-9
10	SG B Level Narrow-Range	A-10
11	SG C Level Narrow-Range	A-11
12	SG D Level Narrow-Range	A-12
13	Main Feed Flow to SG A	A-13
14	Main Feed Flow to SG B	A-14
15	Main Feed Flow to SG C	A-15
16	Main Feed Flow to SG D	A-16
17	Pressurizer Pressure	A-17
18	Pressurizer Level	A-18
19	RCS Pressure Narrow-Range PPS	A-19
20	RCS Pressure Wide-Range PPS	A-20
21	RCS Flow Loop 1	A-21
22	RCS Flow Loop 2	A-22
23	RCS Flow Loop 3	A-23
24	RCS Flow Loop 4	A-24
25	RCS Pressure Wide-Range SPS	A-25
26	RCS Pressure Narrow-Range SPS	A-26
27	CVCS Volume Control Tank Level	A-27
28	Refueling Water Storage Tank (RWST) Level A	A-28
29	RWST Level B	A-29
30	Essential Service Water (ESW) Train A Flow	A-30
31	ESW Train B Flow	A-31

Table A-2 (continued)
List of Services Included in the RF05 Summary Plots

Item #	Service	Summary Plot Figure Number
32	Surge Tank Level in Component Cooling Water System (CCWS) Train B	A-32
33	Surge Tank Level in CCWS Train A	A-33
34	CCWS Flow to Train A Low-Temperature Loads	A-34
35	CCWS Flow to Train B Low-Temperature Loads	A-35
36	Component Cooling Water (CCW) Flow in Reactor Coolant Pump (RCP) Thermal Barrier Return	A-36
37	Reactor Building Pressure	A-37
38	Main Steamline 1 Flow	A-38
39	Main Steamline 2 Flow	A-39
40	Main Steamline 3 Flow	A-40
41	Main Steamline 4 Flow	A-41
42	RCP Seal Injection Flow	A-42

Cycle Summary

Group: MAIN STEAM PRESSURE LOOP 1 **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	22 Oct 2000	12 Nov 2000	10 Mar 2002	23 Apr 2002	S2	Drift	Final
1AB-P-0513-W	PPS								
1AB-P-0514-W	PPS								
1AB-P-0515-W	PPS								
1AB-P-0516-W	PPS								
1AB-P-0177-W	PFM								
1AB-P-0174-W	SPS								
1AB-P-0175-W	SPS							X	X
1AB-P-0137-W	SPS								
1AB-P-0138-W	SPS								

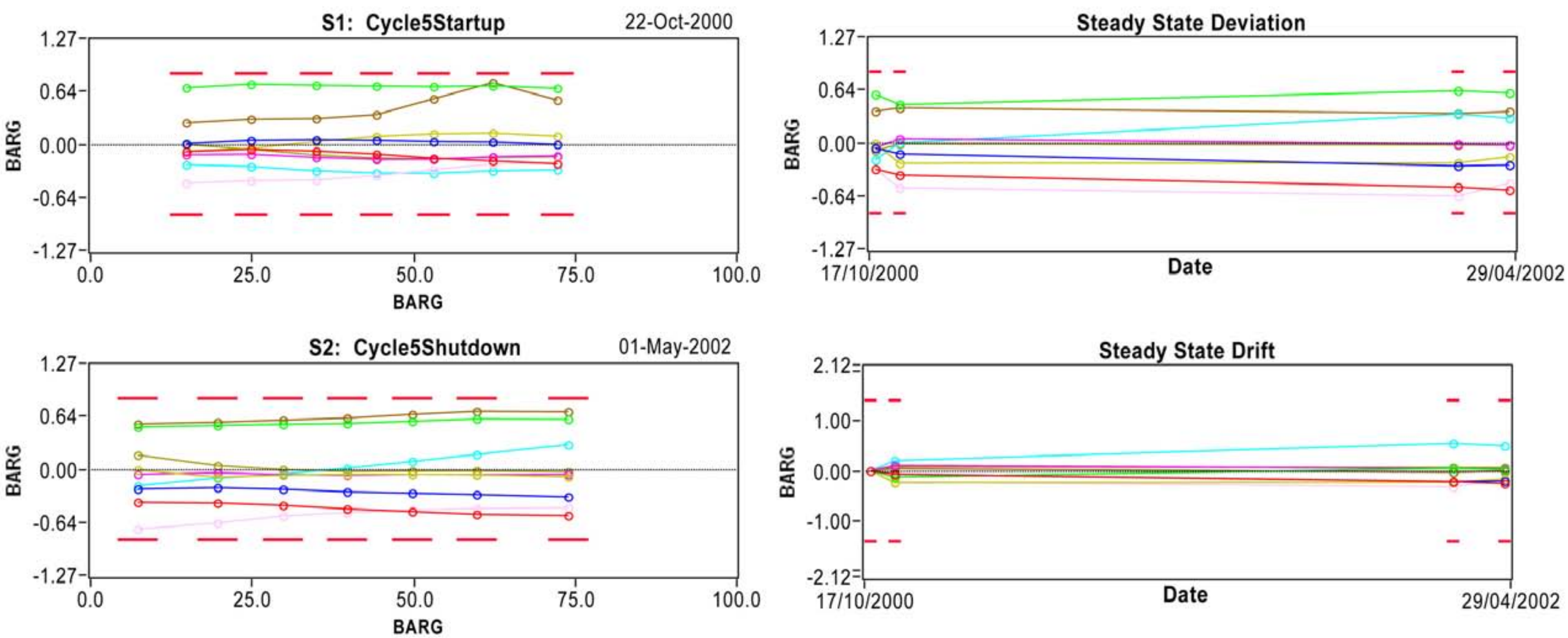


Figure A-1
Main Steam Pressure Loop 1 Summary Plot: Cycle 5

Cycle Summary

Group: MAIN STEAM PRESSURE LOOP 2 **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	22 Oct 2000	12 Nov 2000	10 Mar 2002	23 Apr 2002	S2	Drift	Final
1AB-P-0523-W	PPS								
1AB-P-0524-W	PPS								
1AB-P-0525-W	PPS								
1AB-P-0526-W	PPS								
1AB-P-0277-W	PFM								
1AB-P-0275-W	SPS								
1AB-P-0274-W	SPS	X	X	X	X	X	X	X	X
1AB-P-0237-W	SPS								
1AB-P-0238-W	SPS								

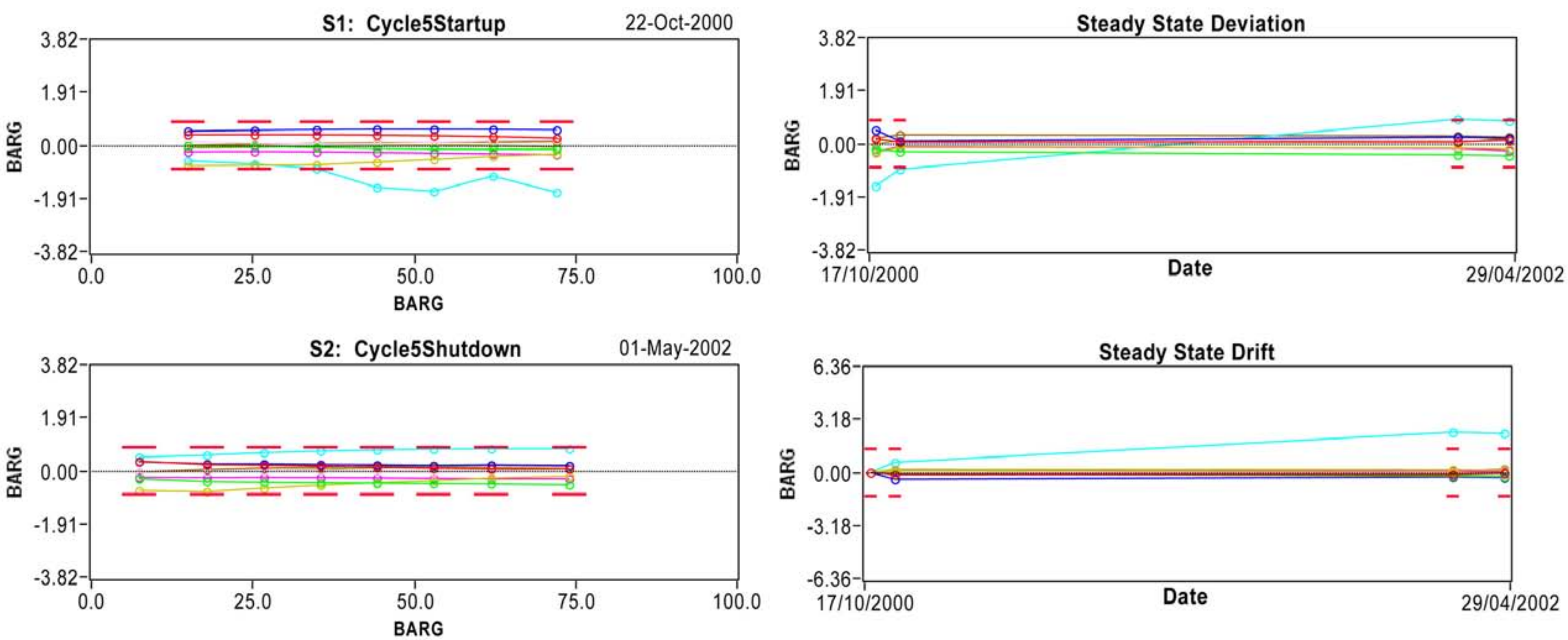
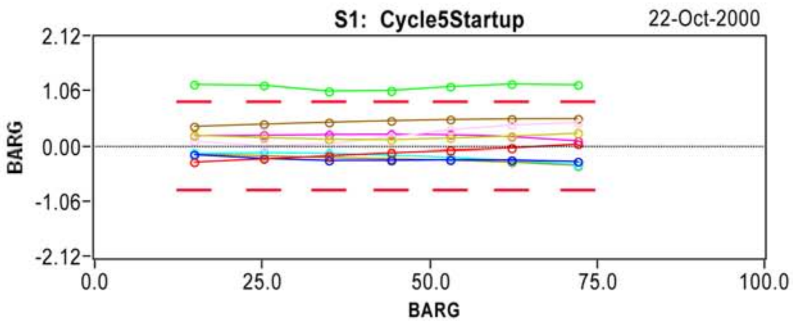


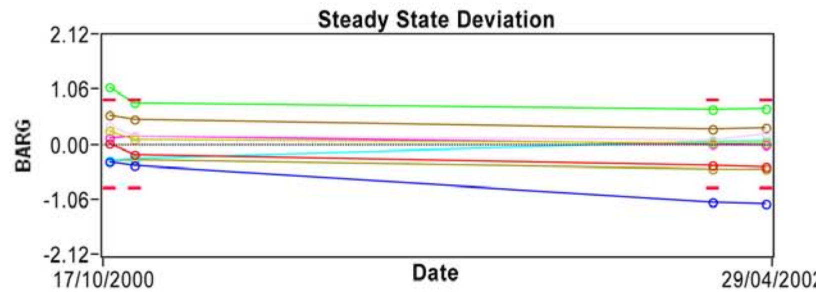
Figure A-2
Main Steam Pressure Loop 2 Summary Plot: Cycle 5

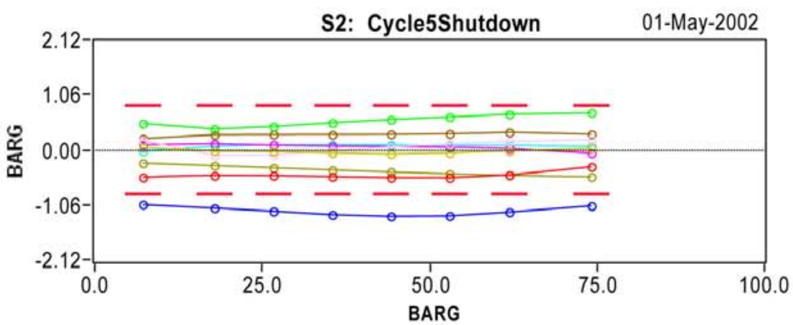
Cycle Summary

Group: MAIN STEAM PRESSURE LOOP 3 **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	22 Oct 2000	12 Nov 2000	10 Mar 2002	23 Apr 2002	S2	Drift	Final
1AB-P-0533-W	PPS								
1AB-P-0534-W	PPS	X	X						X
1AB-P-0535-W	PPS				X	X	X		X
1AB-P-0536-W	PPS								
1AB-P-0377-W	PFM								
1AB-P-0337-W	SPS								
1AB-P-0338-W	SPS							X	X
1AB-P-0375-W	SPS								
1AB-P-0374-W	SPS							X	X







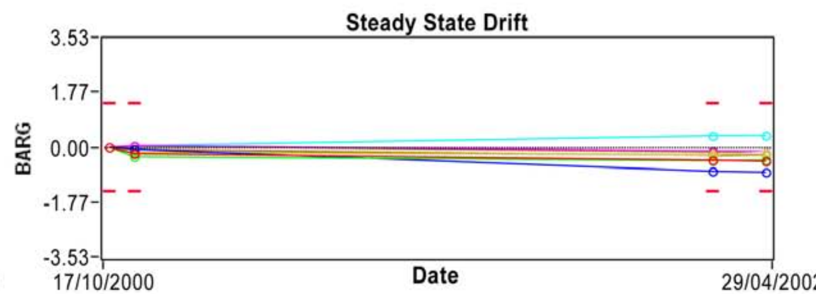


Figure A-3
Main Steam Pressure Loop 3 Summary Plot: Cycle 5

Cycle Summary

Group: MAIN STEAM PRESSURE LOOP 4 **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	22 Oct 2000	12 Nov 2000	10 Mar 2002	23 Apr 2002	S2	Drift	Final
1AB-P-0543-W	PPS	X							X
1AB-P-0544-W	PPS								
1AB-P-0545-W	PPS								
1AB-P-0546-W	PPS						X		X
1AB-P-0477-W	PFM								
1AB-P-0437-W	SPS								
1AB-P-0438-W	SPS							X	X
1AB-P-0474-W	SPS								
1AB-P-0475-W	SPS								

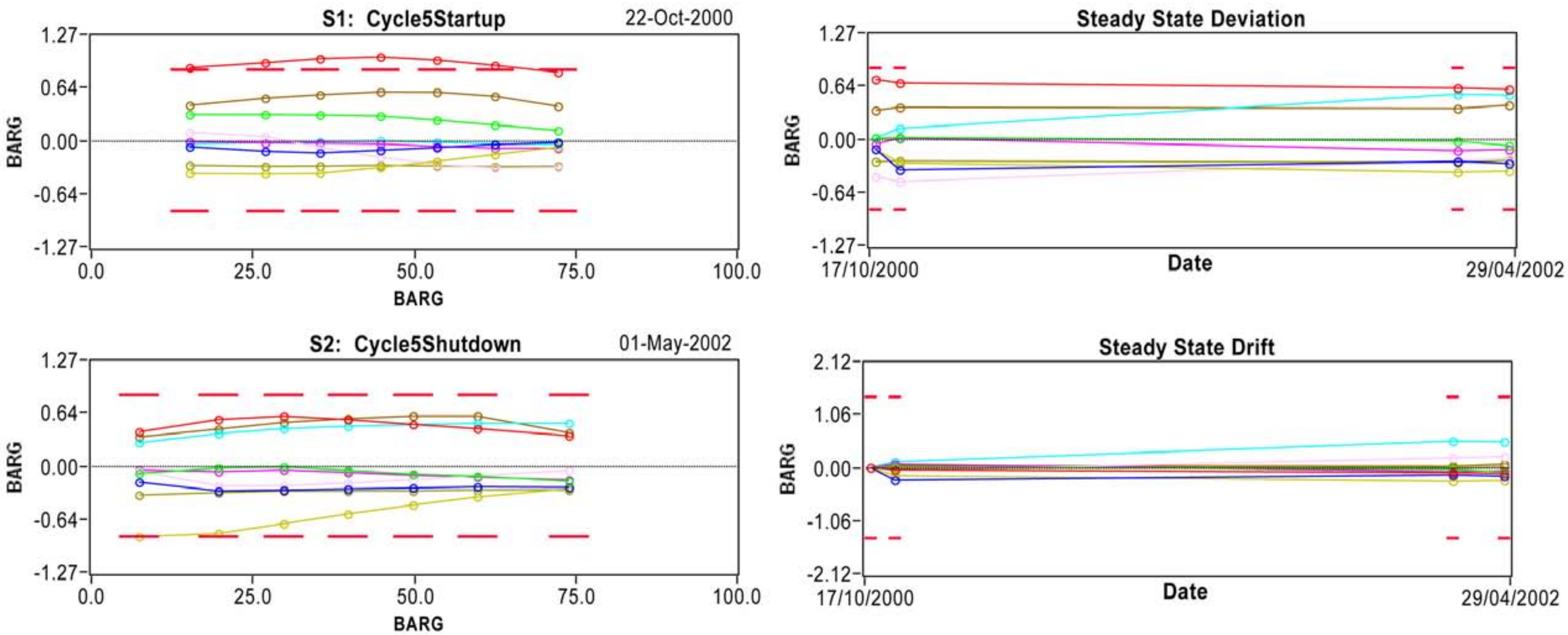


Figure A-4
Main Steam Pressure Loop 4 Summary Plot: Cycle 5

Cycle Summary

Group: STEAM GENERATOR A LEVEL WR **Summary File:** Cycle5Summary **Test Engineer:** AMS

	Tag	Name	S1	22 Oct 2000	13 Nov 2000	10 Mar 2002	23 Apr 2002	S2	Drift	Final
	1AE-L-0501-W	PPS								
	1AE-L-0505-W	PPS								

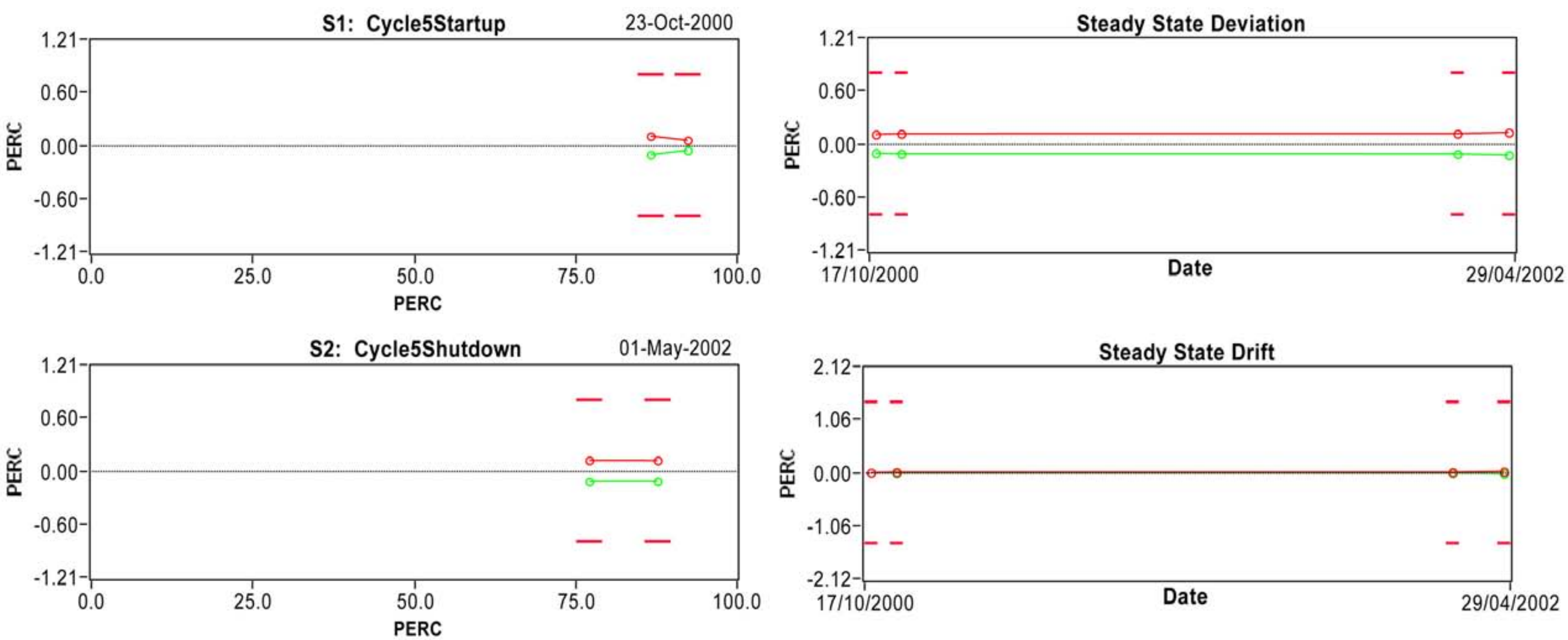


Figure A-5
SG A Level Wide-Range Summary Plot: Cycle 5

Cycle Summary

Group: STEAM GENERATOR B LEVEL WR **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	22 Oct 2000	13 Nov 2000	10 Mar 2002	23 Apr 2002	S2	Drift	Final
1AE-L-0502-W	PPS								
1AE-L-0506-W	PPS								

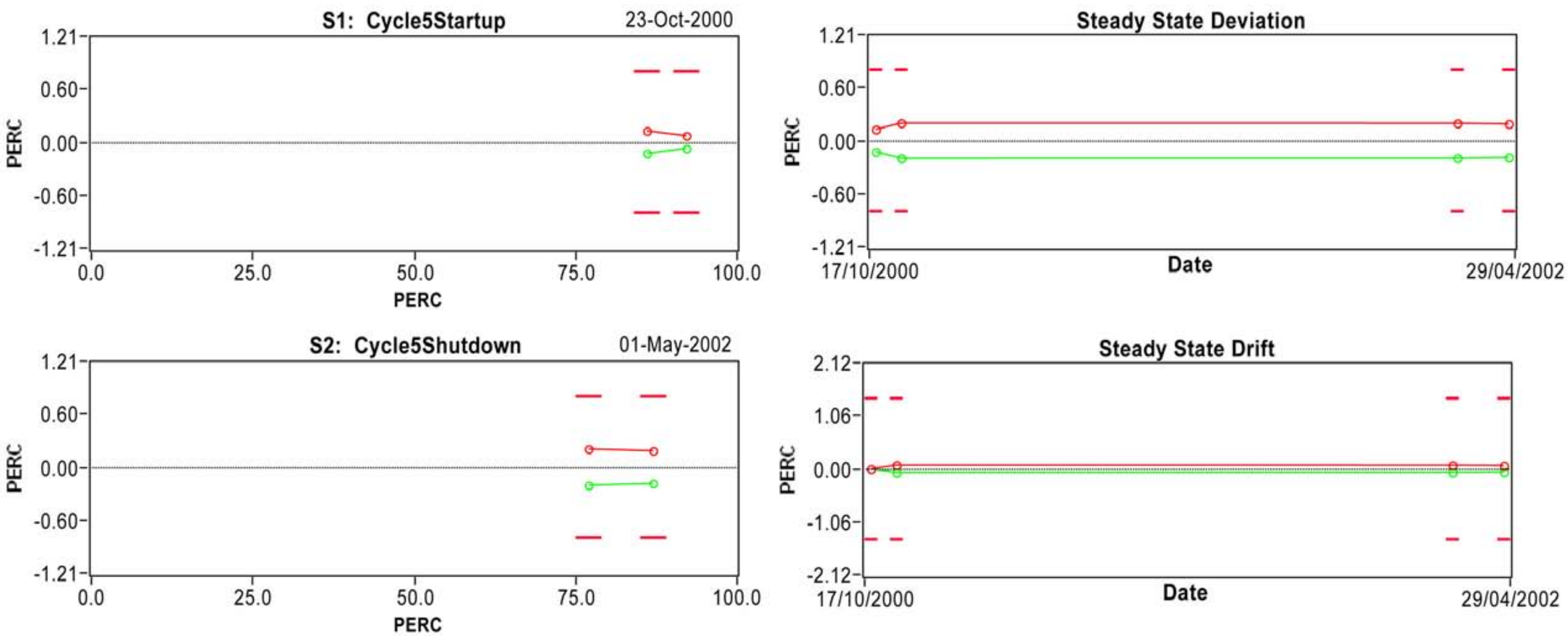


Figure A-6
SG B Level Wide-Range Summary Plot: Cycle 5

Cycle Summary

Group: STEAM GENERATOR C LEVEL WR **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	22 Oct 2000	13 Nov 2000	10 Mar 2002	23 Apr 2002	S2	Drift	Final
1AE-L-0503-W	PPS								
1AE-L-0507-W	PPS								

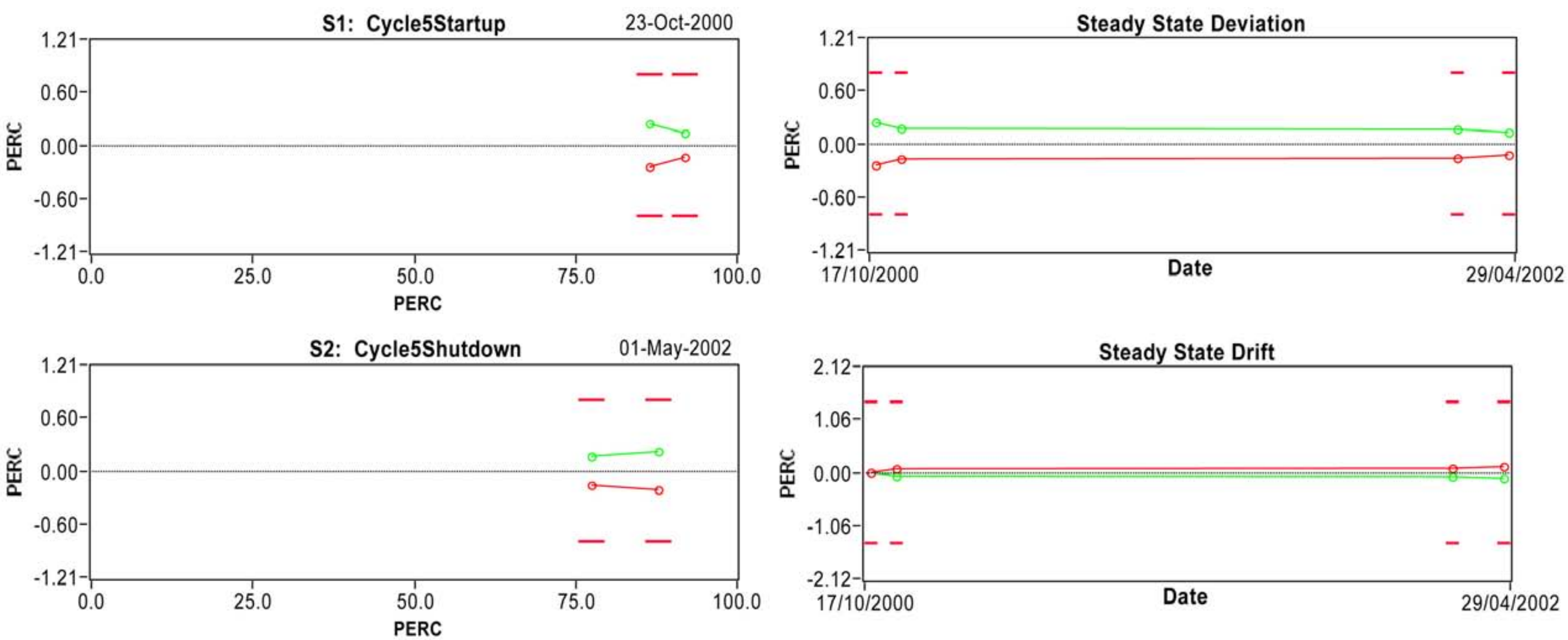


Figure A-7
SG C Level Wide-Range Summary Plot: Cycle 5

Cycle Summary

Group: STEAM GENERATOR D LEVEL WR **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	22 Oct 2000	13 Nov 2000	10 Mar 2002	23 Apr 2002	S2	Drift	Final
1AE-L-0504-W	PPS								
1AE-L-0508-W	PPS								

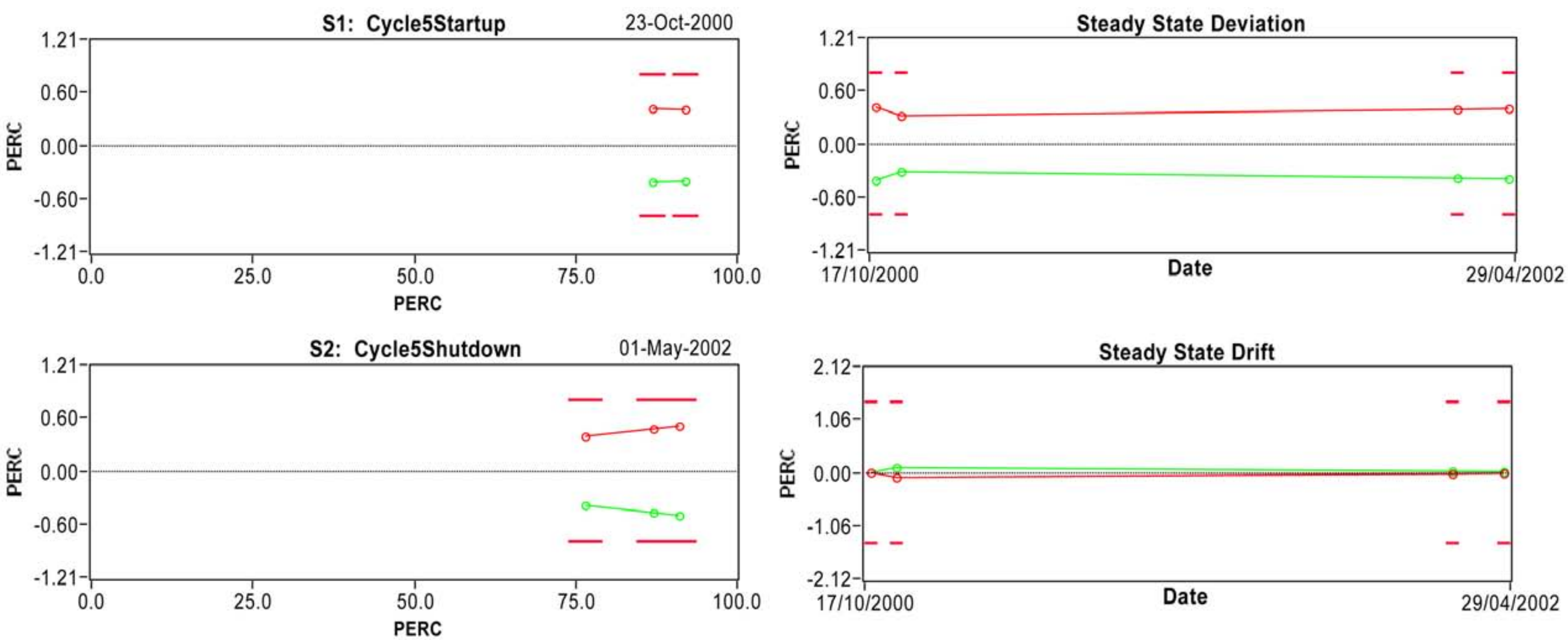


Figure A-8
SG D Level Wide-Range Summary Plot: Cycle 5

Cycle Summary

Group: STEAM GENERATOR A LEVEL NR **Summary File:** Cycle5Summary **Test Engineer:** AMS

	Tag	Name	S1	22 Oct 2000	13 Nov 2000	10 Mar 2002	23 Apr 2002	S2	Drift	Final														
	1AE-L-0517-W	PPS																						
	1AE-L-0518-W	PPS																						
	1AE-L-0519-W	PPS																						
	1AE-L-0551-W	PPS																						
	1AE-L-0011-W	SPS							X	X														
	1AE-L-0012-W	SPS																						
	1AE-L-0013-W	SPS							X	X														
	1AE-L-0014-W	SPS																						

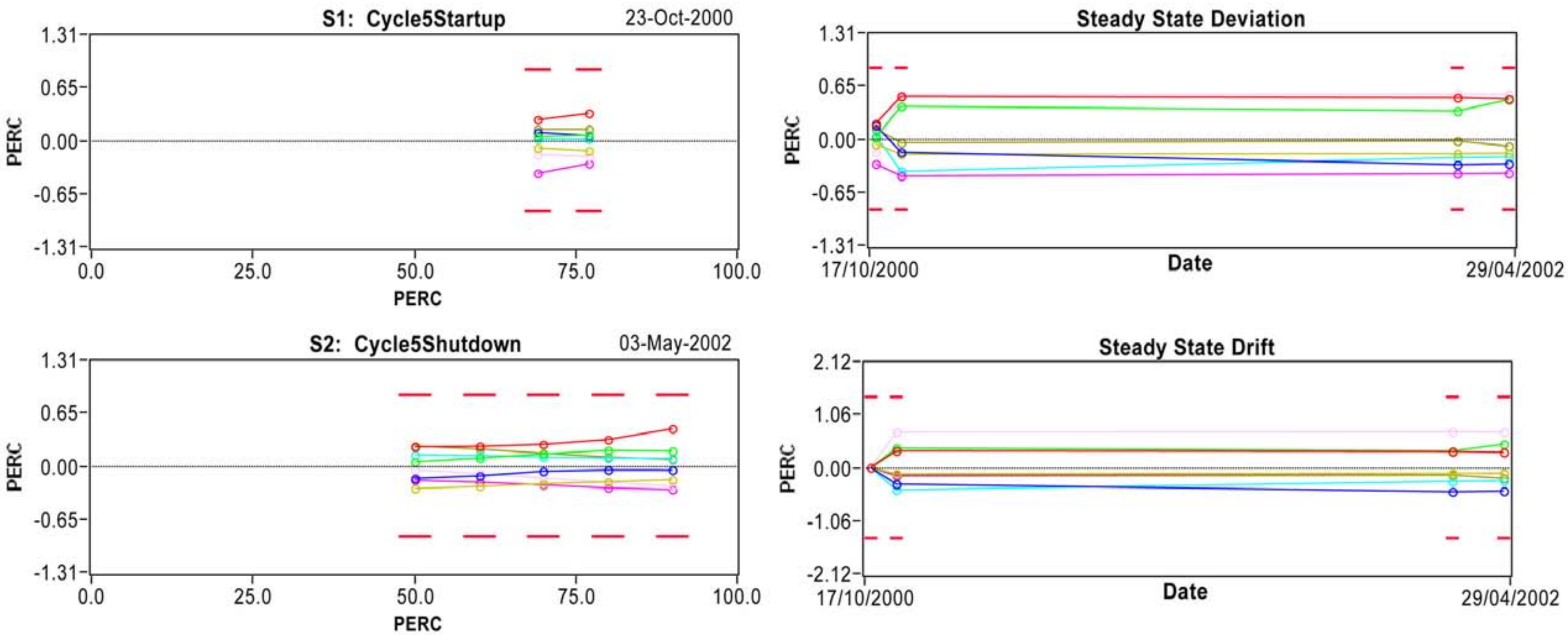
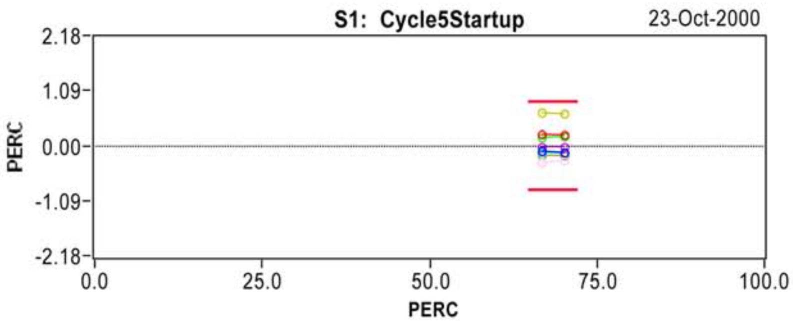


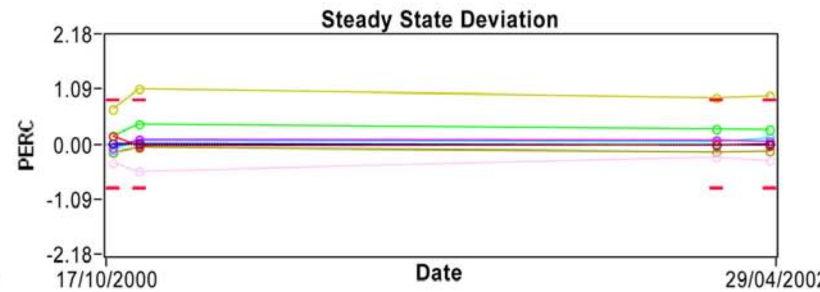
Figure A-9
SG A Level Narrow-Range Summary Plot: Cycle 5

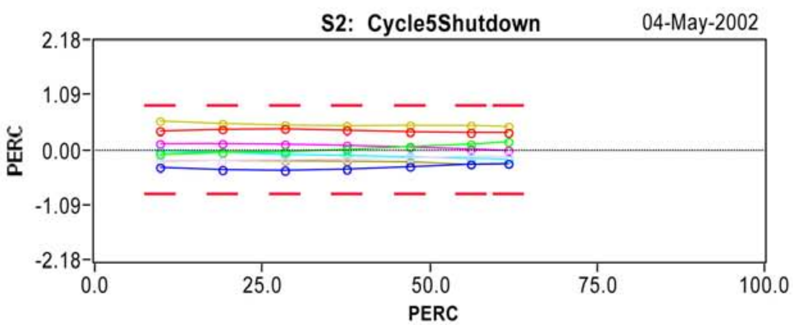
Cycle Summary

Group: STEAM GENERATOR B LEVEL NR **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	22 Oct 2000	13 Nov 2000	10 Mar 2002	23 Apr 2002	S2	Drift	Final
1AE-L-0527-W	PPS								
1AE-L-0528-W	PPS								
1AE-L-0529-W	PPS								
1AE-L-0552-W	PPS			X	X	X			X
1AE-L-0021-W	SPS								
1AE-L-0022-W	SPS								
1AE-L-0023-W	SPS								
1AE-L-0024-W	SPS								







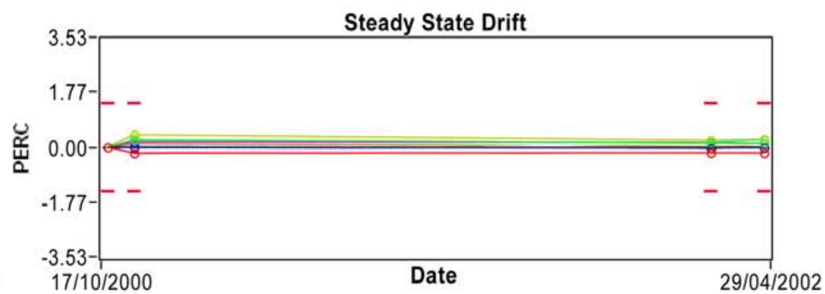


Figure A-10
SG B Level Narrow-Range Summary Plot: Cycle 5

Cycle Summary

Group: STEAM GENERATOR C LEVEL NR **Summary File:** Cycle5Summary **Test Engineer:** AMS

	Tag	Name	S1	22 Oct 2000	13 Nov 2000	10 Mar 2002	23 Apr 2002	S2	Drift	Final
	1AE-L-0537-W	PPS								
	1AE-L-0538-W	PPS								
	1AE-L-0539-W	PPS								
	1AE-L-0553-W	PPS								
	1AE-L-0031-W	SPS								
	1AE-L-0032-W	SPS								
	1AE-L-0033-W	SPS								
	1AE-L-0034-W	SPS							X	X

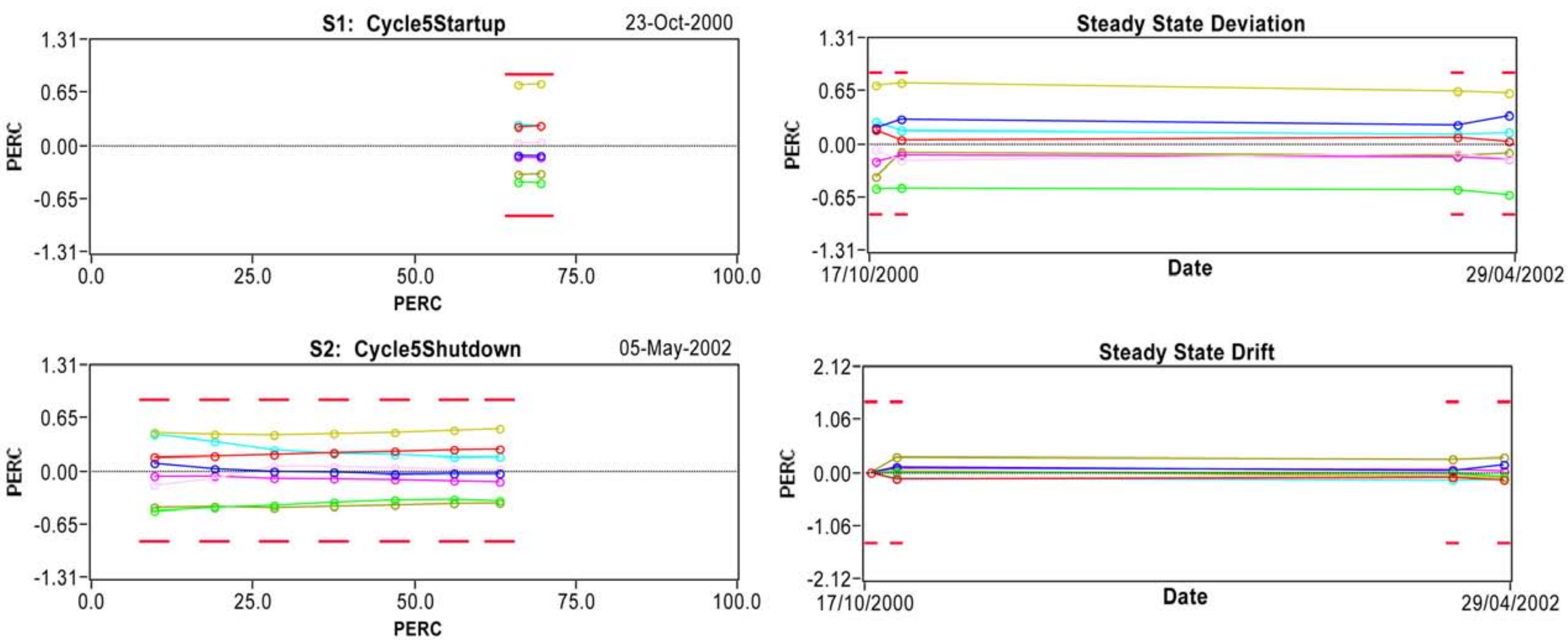
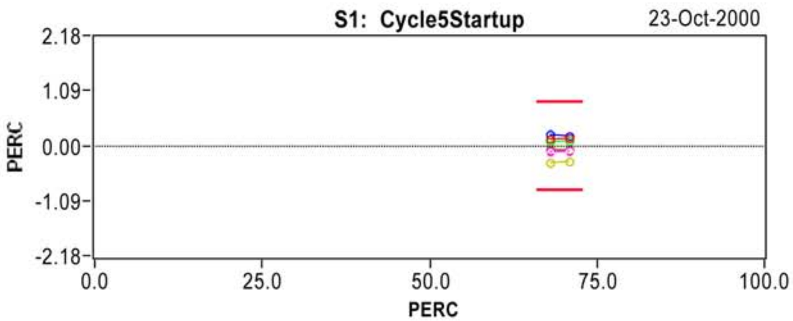


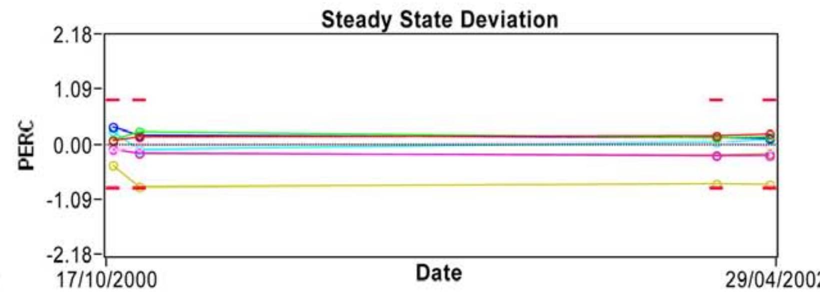
Figure A-11
SG C Level Narrow-Range Summary Plot: Cycle 5

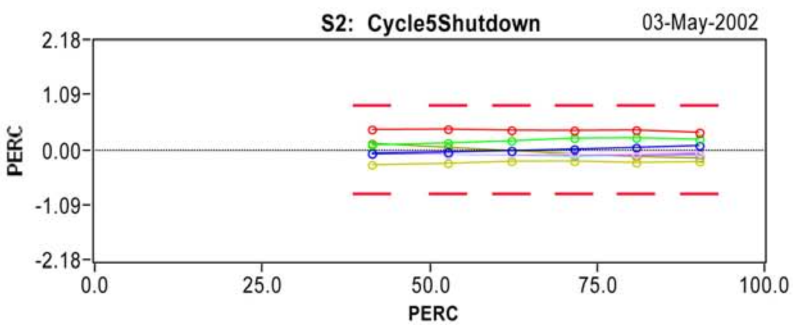
Cycle Summary

Group: STEAM GENERATOR D LEVEL NR **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	22 Oct 2000	13 Nov 2000	10 Mar 2002	23 Apr 2002	S2	Drift	Final
1AE-L-0547-W	PPS								
1AE-L-0548-W	PPS								
1AE-L-0549-W	PPS								
1AE-L-0554-W	PPS			X					X
1AE-L-0041-W	SPS								
1AE-L-0042-W	SPS								
1AE-L-0043-W	SPS							X	X
1AE-L-0044-W	SPS								







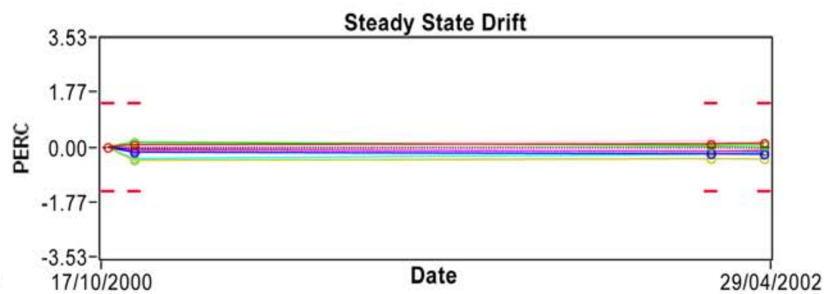


Figure A-12
SG D Level Narrow-Range Summary Plot: Cycle 5

Cycle Summary

Group: MAIN FEED FLOW TO SG A **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	30 Oct 2000	13 Nov 2000	10 Mar 2002	23 Apr 2002	S2	Drift	Final
1AE-F-0515A-W	PPS								
1AE-F-0515B-W	PPS						X		X
1AE-F-0515C-W	PPS	X	X				X	X	X
1AE-F-0515D-W	PPS	X	X						X

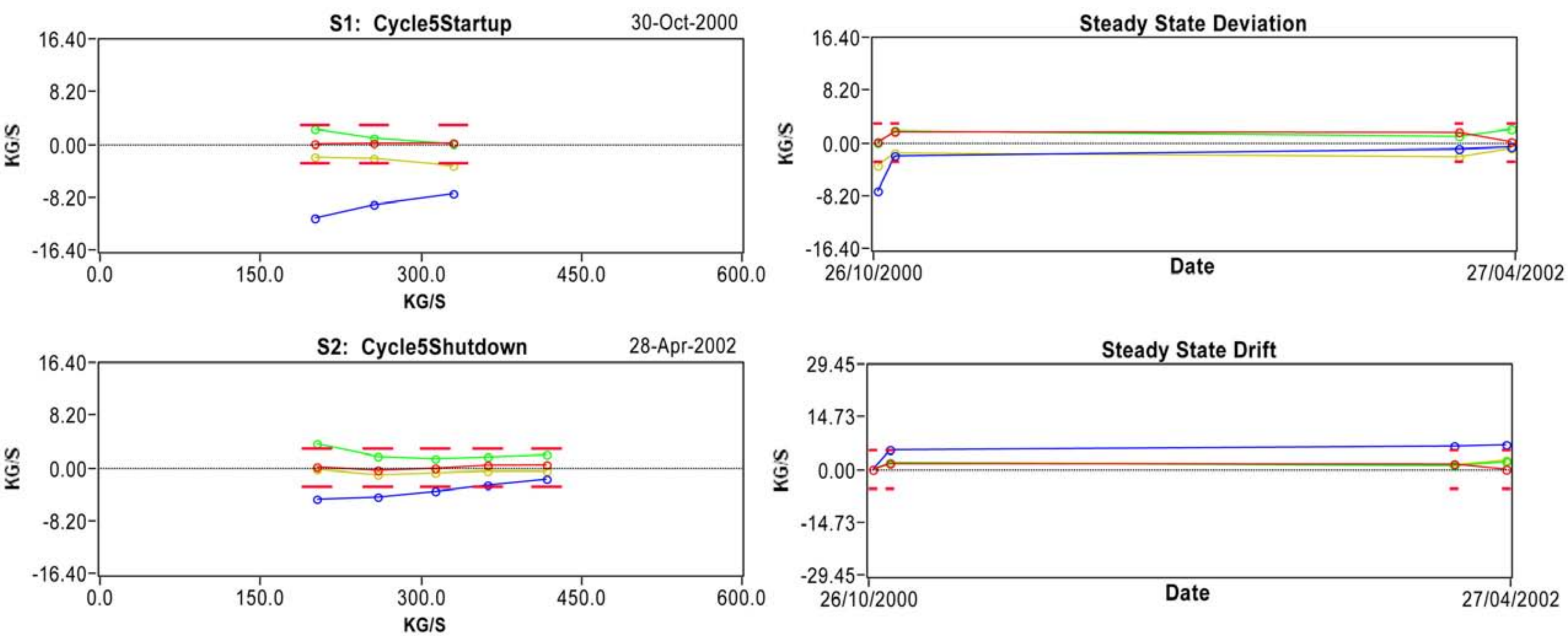


Figure A-13
Main Feed Flow to SG A Summary Plot: Cycle 5

Cycle Summary

Group: MAIN FEED FLOW TO SG B **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	30 Oct 2000	13 Nov 2000	10 Mar 2002	23 Apr 2002	S2	Drift	Final
1AE-F-0525A-W	PPS								
1AE-F-0525B-W	PPS	X	X	X	X	X	X		X
1AE-F-0525C-W	PPS	X	X	X	X	X	X		X
1AE-F-0525D-W	PPS								

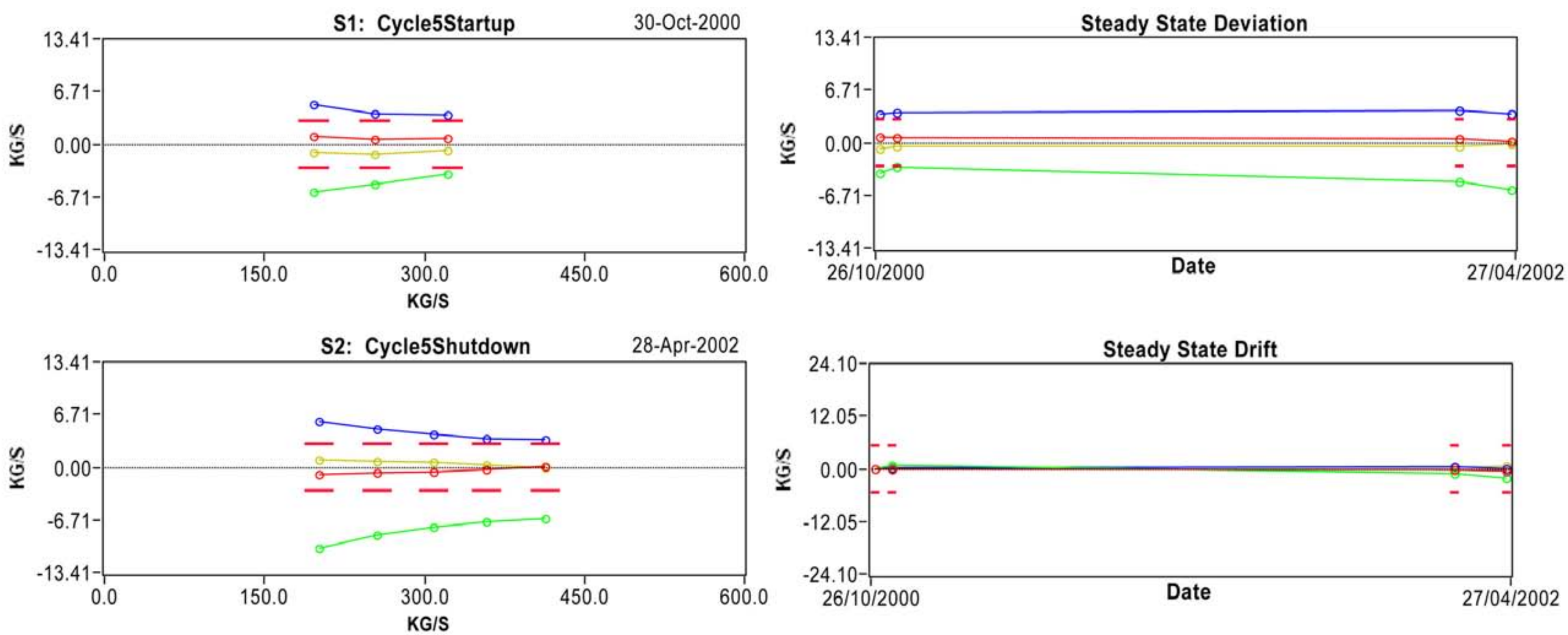


Figure A-14
Main Feed Flow to SG B Summary Plot: Cycle 5

Cycle Summary

Group: MAIN FEED FLOW TO SG C **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	30 Oct 2000	13 Nov 2000	10 Mar 2002	23 Apr 2002	S2	Drift	Final
1AE-F-0535A-W	PPS								
1AE-F-0535B-W	PPS								
1AE-F-0535C-W	PPS	X				X	X		X
1AE-F-0535D-W	PPS						X		X

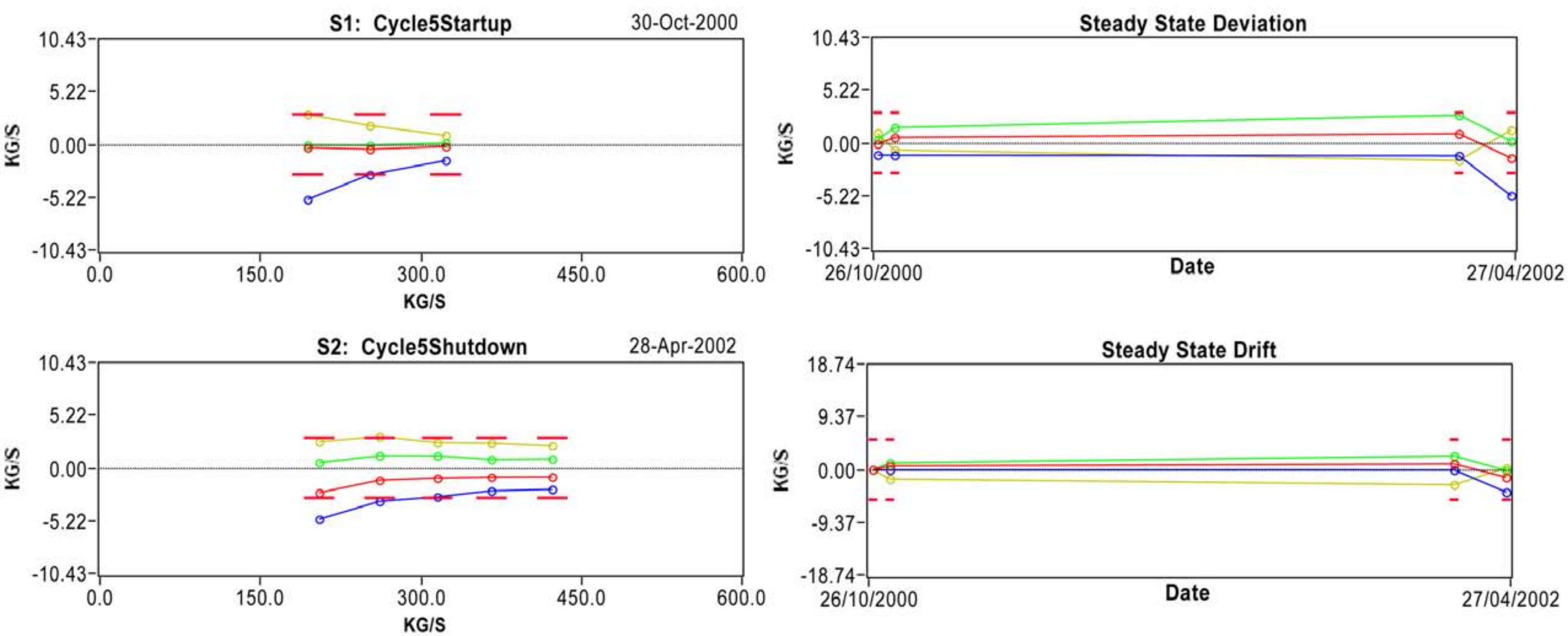


Figure A-15
Main Feed Flow to SG C Summary Plot: Cycle 5

Cycle Summary

Group: MAIN FEED FLOW TO SG D **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	30 Oct 2000	13 Nov 2000	10 Mar 2002	23 Apr 2002	S2	Drift	Final														
1AE-F-0545A-W	PPS	X	X						X														
1AE-F-0545B-W	PPS																						
1AE-F-0545C-W	PPS																						
1AE-F-0545D-W	PPS																						

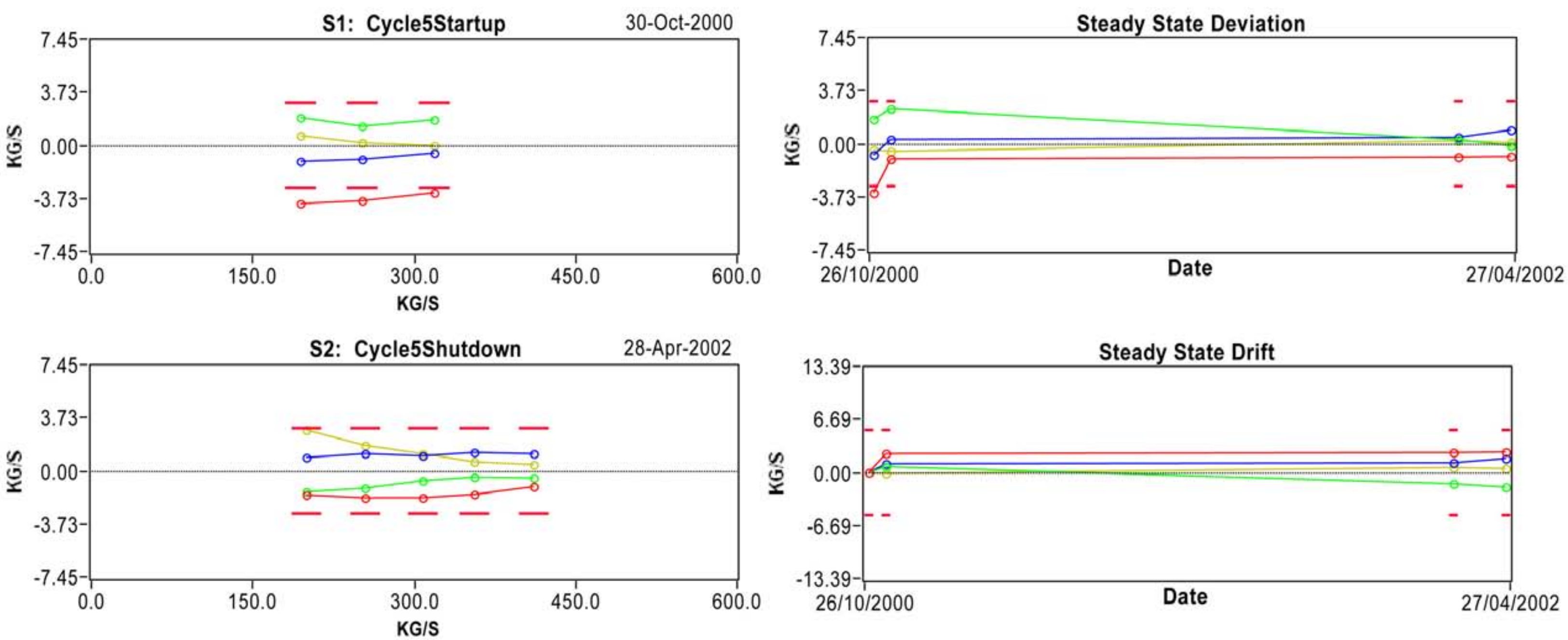


Figure A-16
Main Feed Flow to SG D Summary Plot: Cycle 5

Cycle Summary

Group: PRESSURISER PRESSURE **Summary File:** Cycle5Summary **Test Engineer:** AMS

	Tag	Name	S1	30 Oct 2000	13 Nov 2000	10 Mar 2002	23 Apr 2002	S2	Drift	Final
	1BB-P-0455-W	PPS								
	1BB-P-0456-W	PPS						X		X
	1BB-P-0457-W	PPS								
	1BB-P-0458-W	PPS				X	X	X		X

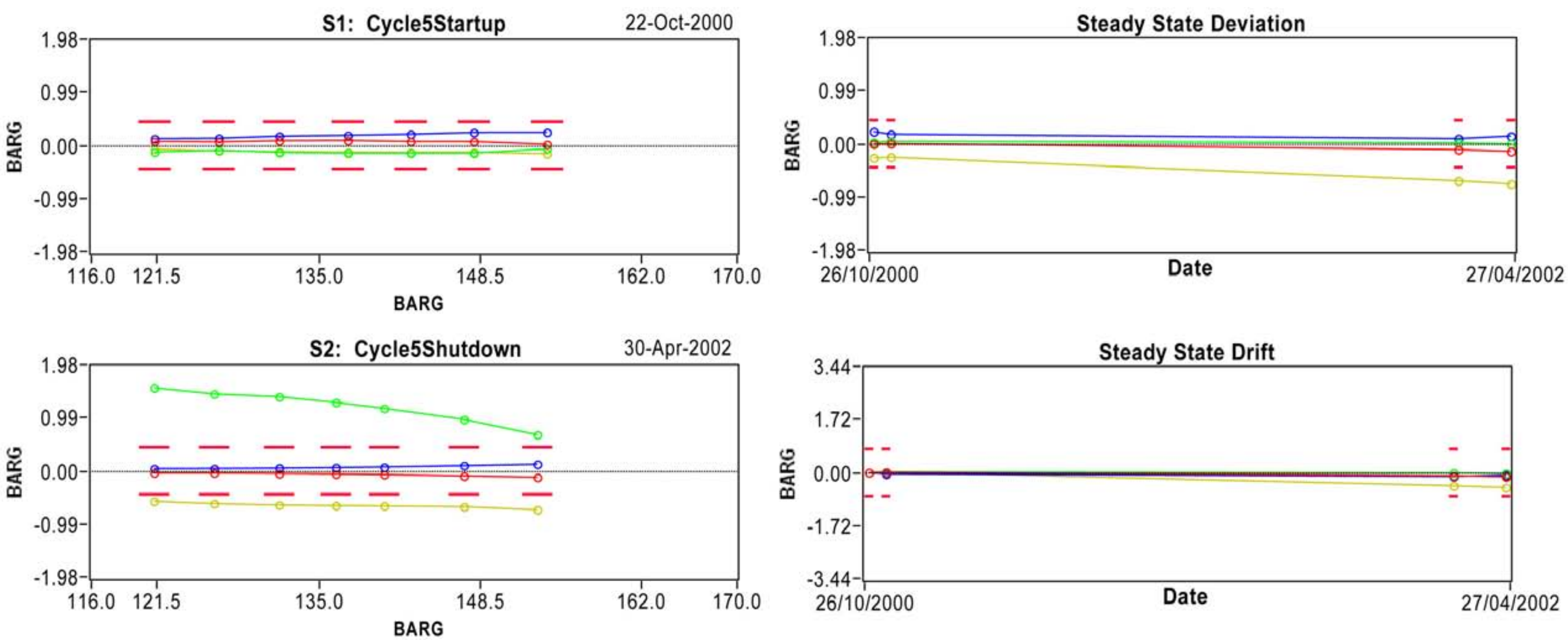


Figure A-17
Pressurizer Pressure Summary Plot: Cycle 5

Cycle Summary

Group: PRESSURISER LEVEL **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	30 Oct 2000	13 Nov 2000	10 Mar 2002	23 Apr 2002	S2	Drift	Final
1BB-L-0465-W	PPS				X	X	X	X	X
1BB-L-0466-W	PPS	X			X	X			X
1BB-L-0467-W	PPS								
1BB-L-0468-W	PPS								

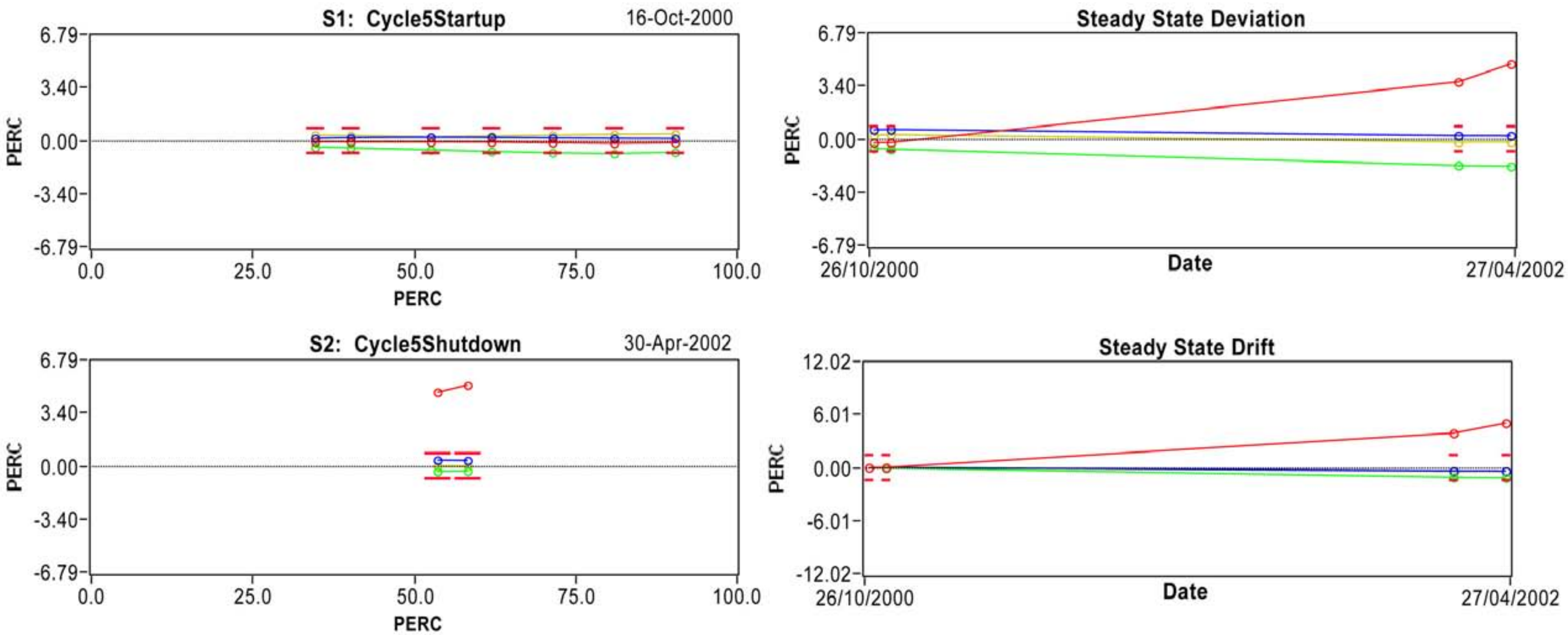


Figure A-18
Pressurizer Level Summary Plot: Cycle 5

Cycle Summary

Group: RCS PRESSURE NR PPS **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	30 Oct 2000	13 Nov 2000	10 Mar 2002	23 Apr 2002	S2	Drift	Final
1BB-P-0406-W	PPS								
1BB-P-0407-W	PPS	X	X	X	X	X	X		X
1BB-P-0408-W	PPS						X		X
1BB-P-0409-W	PPS								

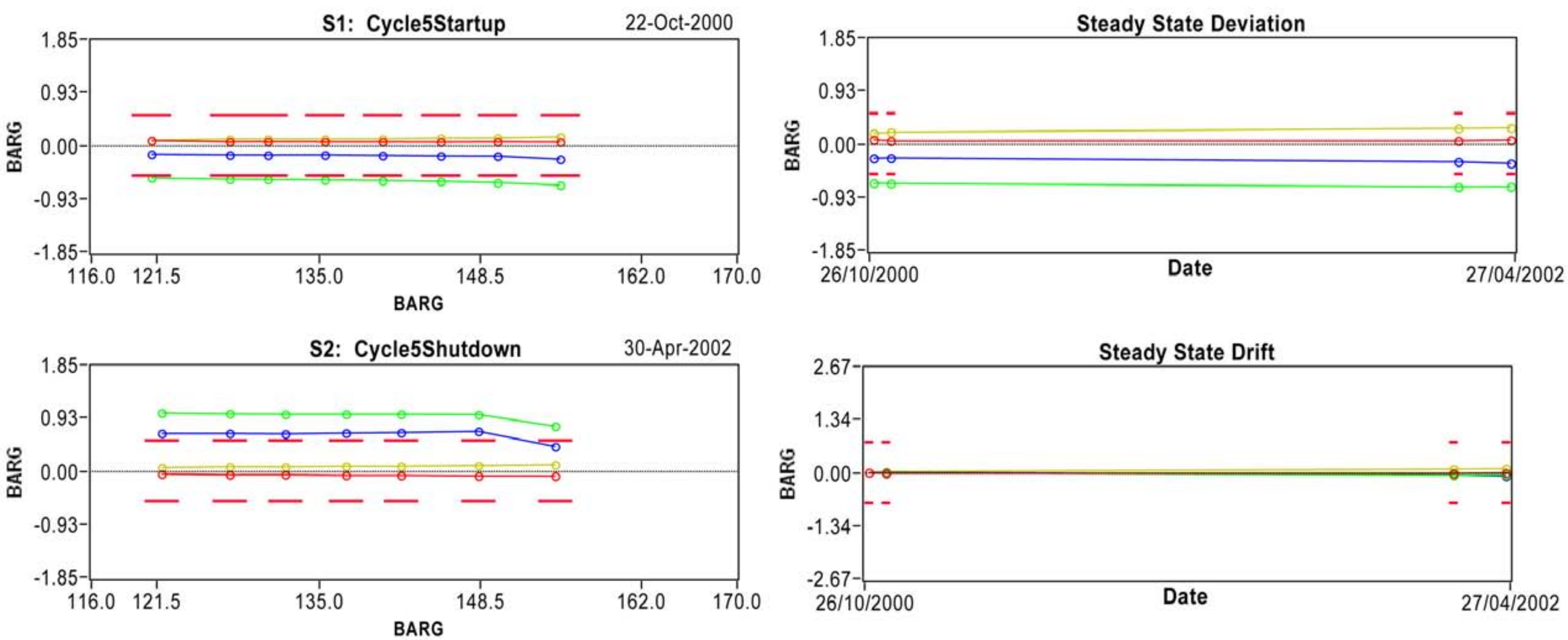


Figure A-19
RCS Pressure Narrow-Range PPS Summary Plot: Cycle 5

Cycle Summary

Group: RCS PRESSURE WR PPS **Summary File:** Cycle5Summary **Test Engineer:** AMS

	Tag	Name	S1	30 Oct 2000	13 Nov 2000	10 Mar 2002	23 Apr 2002	S2	Drift	Final														
	1BB-P-0401-W	PPS																						
	1BB-P-0402-W	PPS																						
	1BB-P-0403-W	PPS																						
	1BB-P-0404-W	PPS						X		X														

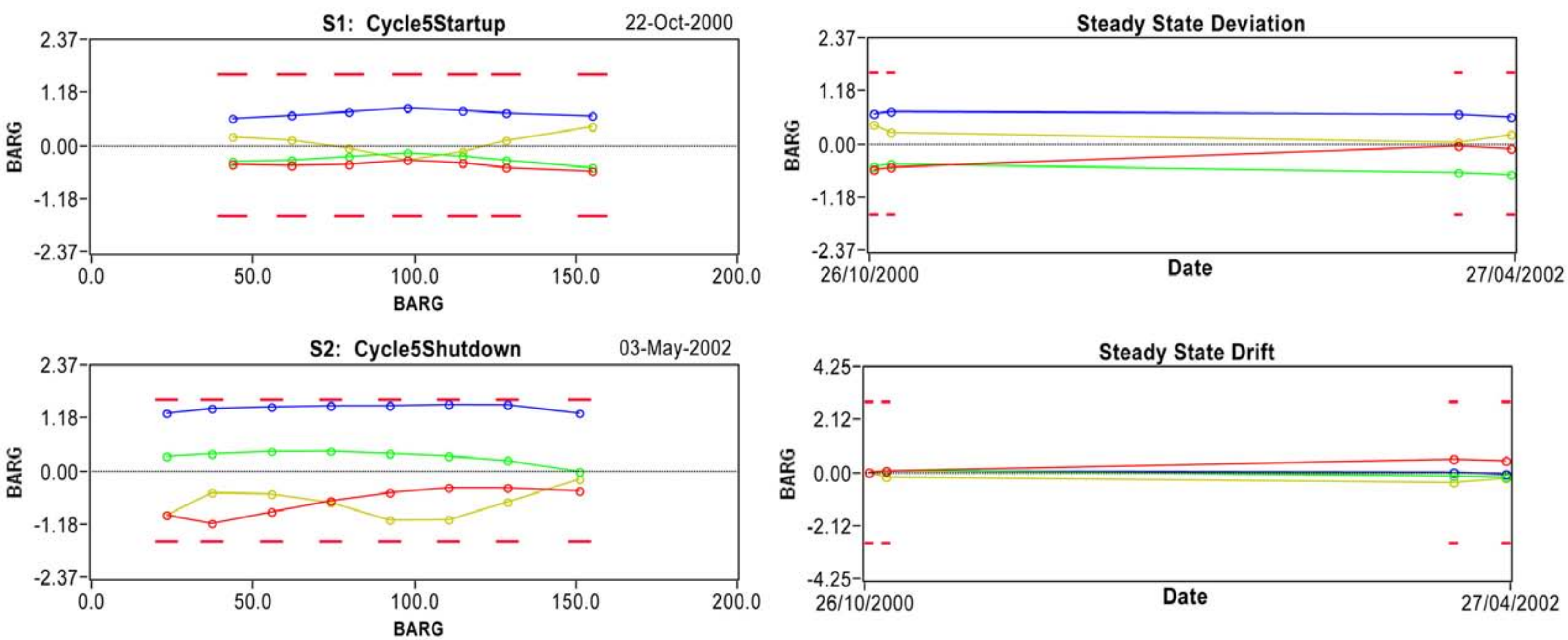
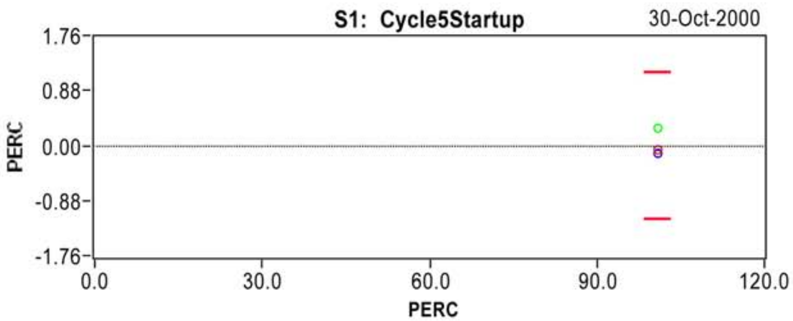


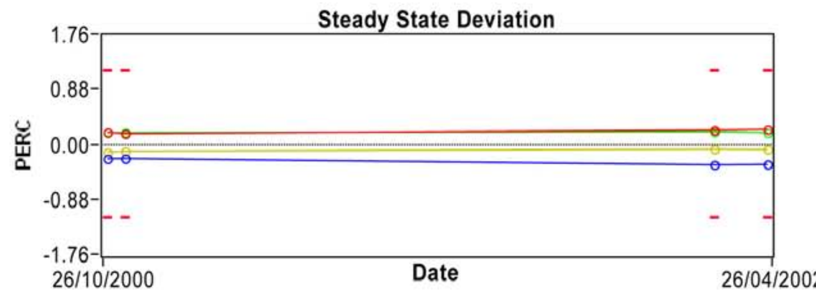
Figure A-20
RCS Pressure Wide-Range PPS Summary Plot: Cycle 5

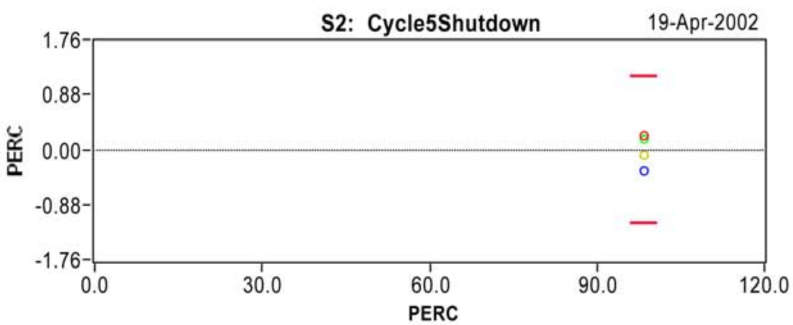
Cycle Summary

Group: RCS FLOW LOOP 1 **Summary File:** Cycle5Summary **Test Engineer:** AMS

	Tag	Name	S1	30 Oct 2000	13 Nov 2000	10 Mar 2002	22 Apr 2002	S2	Drift	Final														
	1BB-F-0416-W	PPS																						
	1BB-F-0417-W	PPS																						
	1BB-F-0418-W	PPS																						
	1BB-F-0419-W	PPS																						







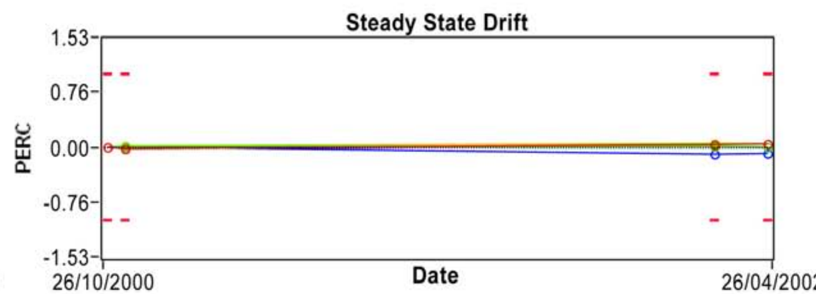


Figure A-21
RCS Flow Loop 1 Summary Plot: Cycle 5

Cycle Summary

Group: RCS FLOW LOOP 2 **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	30 Oct 2000	13 Nov 2000	10 Mar 2002	22 Apr 2002	S2	Drift	Final
1BB-F-0426-W	PPS								
1BB-F-0427-W	PPS								
1BB-F-0428-W	PPS								
1BB-F-0429-W	PPS								

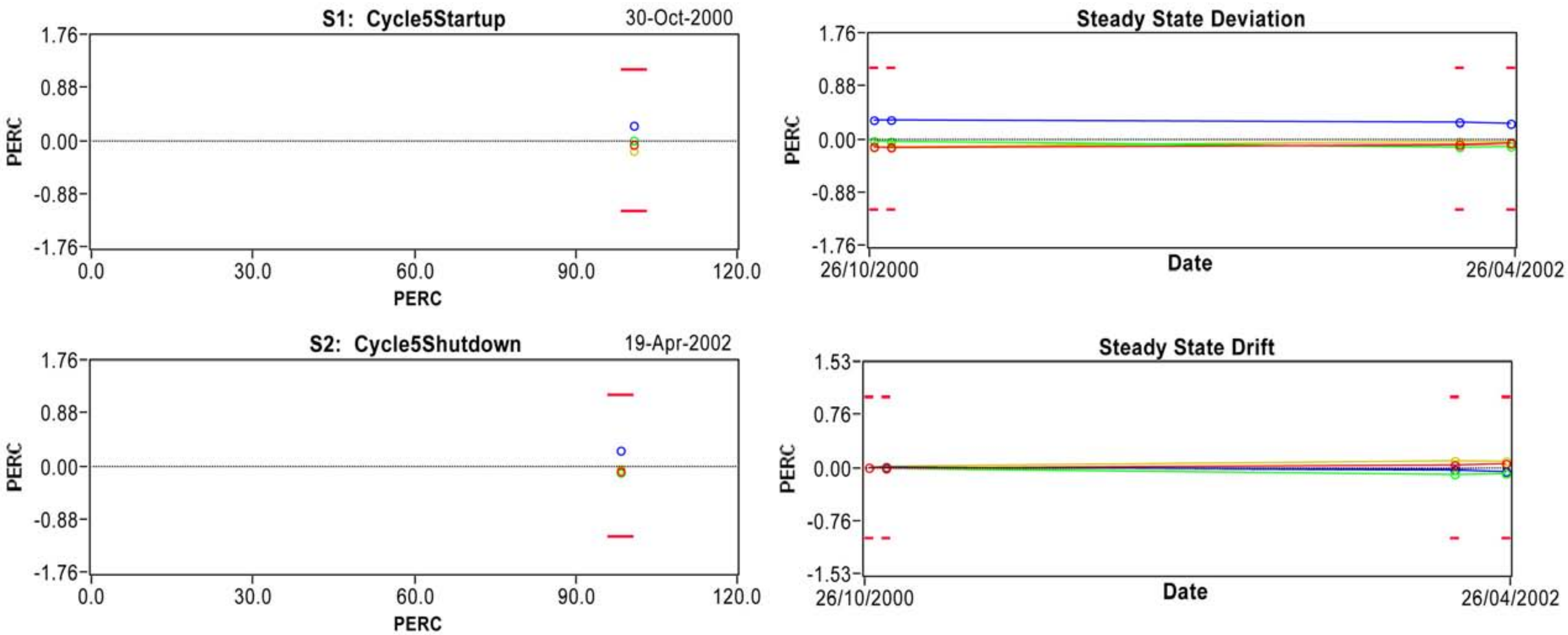


Figure A-22
RCS Flow Loop 2 Summary Plot: Cycle 5

Cycle Summary

Group: RCS FLOW LOOP 3 **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	30 Oct 2000	13 Nov 2000	10 Mar 2002	22 Apr 2002	S2	Drift	Final
1BB-F-0436-W	PPS								
1BB-F-0437-W	PPS								
1BB-F-0438-W	PPS								
1BB-F-0439-W	PPS	X		X	X	X	X	X	X

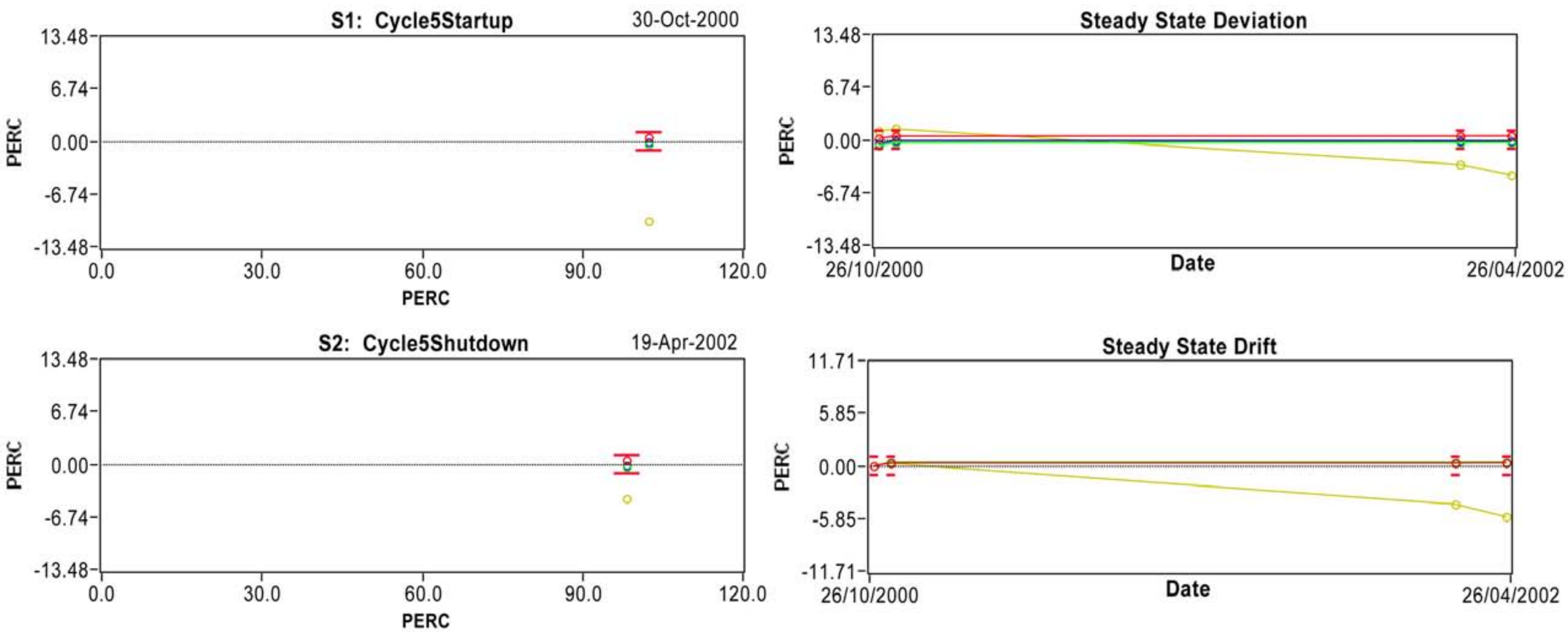


Figure A-23
RCS Flow Loop 3 Summary Plot: Cycle 5

Cycle Summary

Group: RCS FLOW LOOP 4 **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	30 Oct 2000	13 Nov 2000	10 Mar 2002	22 Apr 2002	S2	Drift	Final
1BB-F-0446-W	PPS								
1BB-F-0447-W	PPS								
1BB-F-0448-W	PPS								
1BB-F-0449-W	PPS								

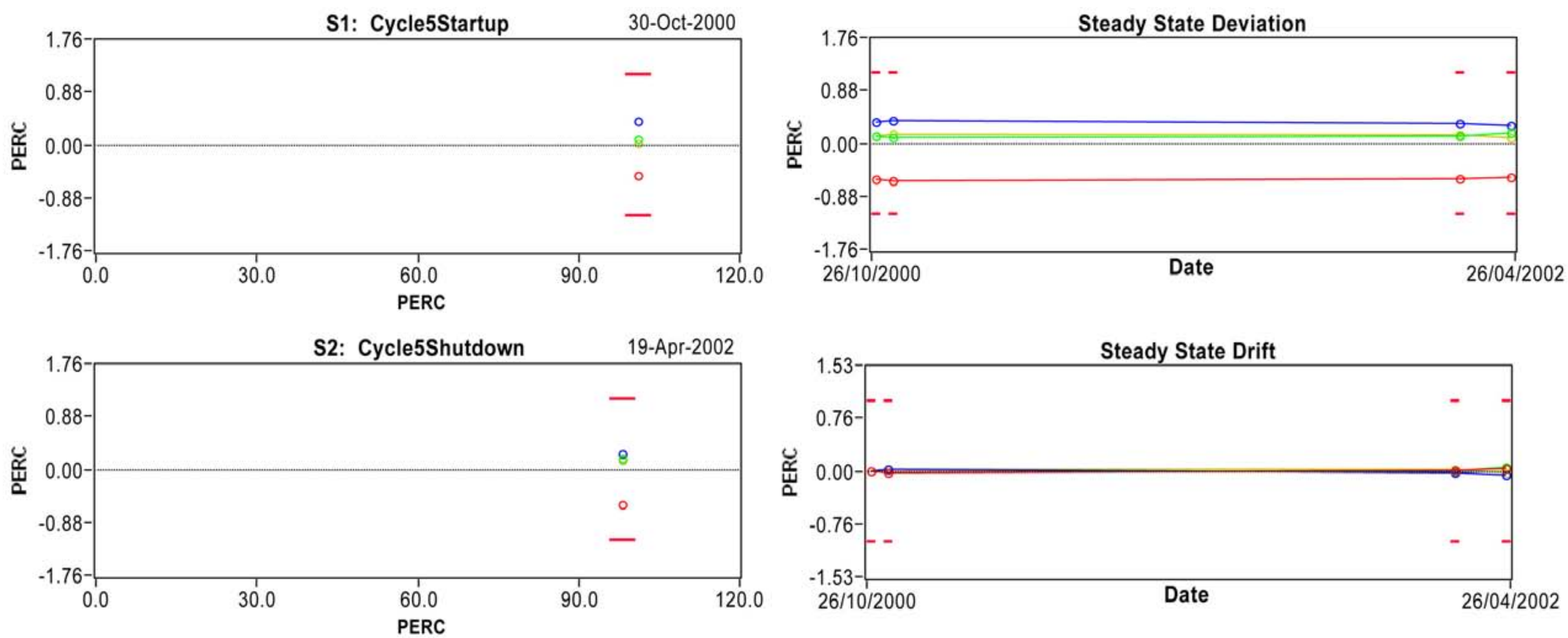


Figure A-24
RCS Flow Loop 4 Summary Plot: Cycle 5

Cycle Summary

Group: RCS PRESSURE WR SPS **Summary File:** Cycle5Summary **Test Engineer:** AMS

	Tag	Name	S1	30 Oct 2000	13 Nov 2000	10 Mar 2002	22 Apr 2002	S2	Drift	Final
	1BB-P-0411-W	SPS								
	1BB-P-0421-W	SPS								
	1BB-P-0431-W	SPS								
	1BB-P-0441-W	SPS						X		X

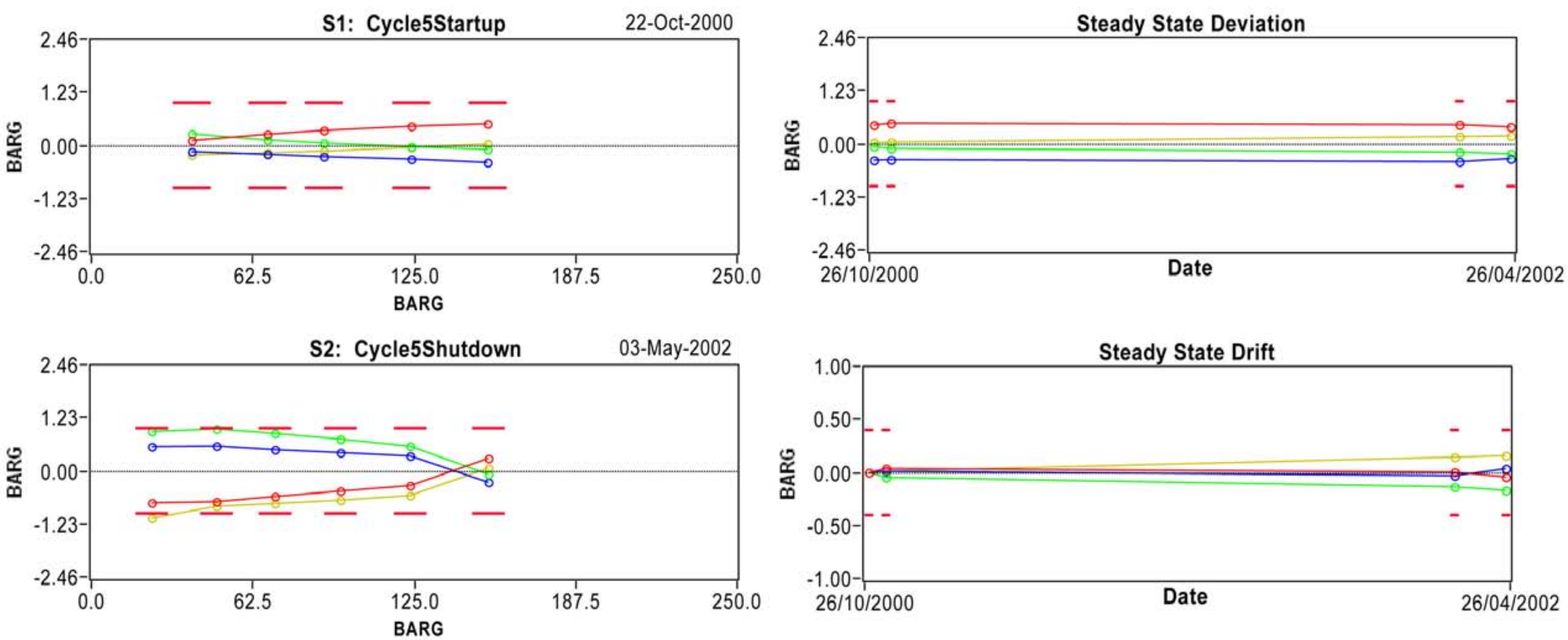
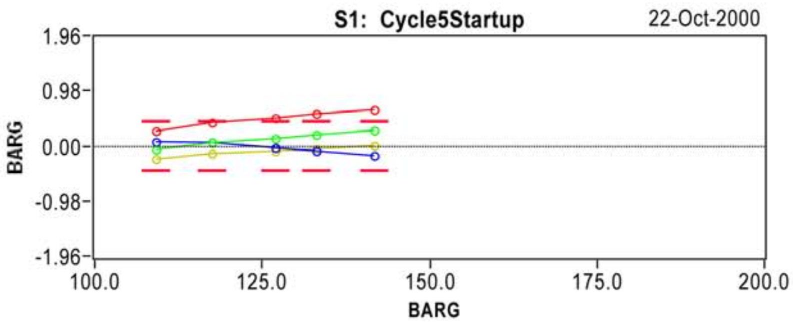


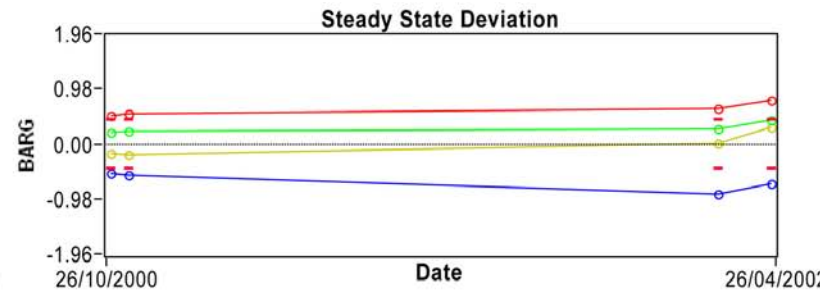
Figure A-25
RCS Pressure Wide-Range SPS Summary Plot: Cycle 5

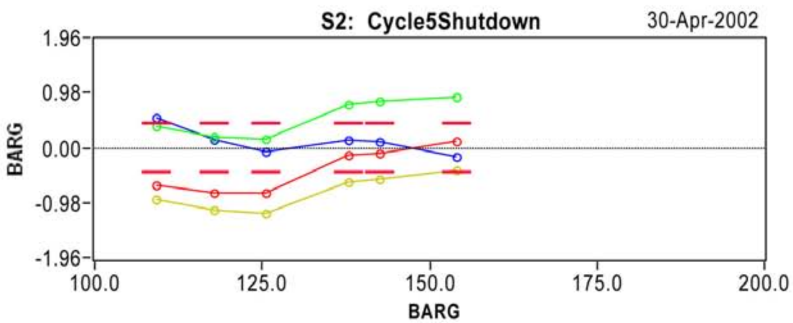
Cycle Summary

Group: RCS PRESSURE NR SPS **Summary File:** Cycle5Summary **Test Engineer:** AMS

	Tag	Name	S1	30 Oct 2000	13 Nov 2000	10 Mar 2002	22 Apr 2002	S2	Drift	Final
	1BB-P-0412-W	SPS	X	X	X	X	X	X		X
	1BB-P-0422-W	SPS						X		X
	1BB-P-0432-W	SPS		X	X	X	X	X		X
	1BB-P-0442-W	SPS						X	X	X







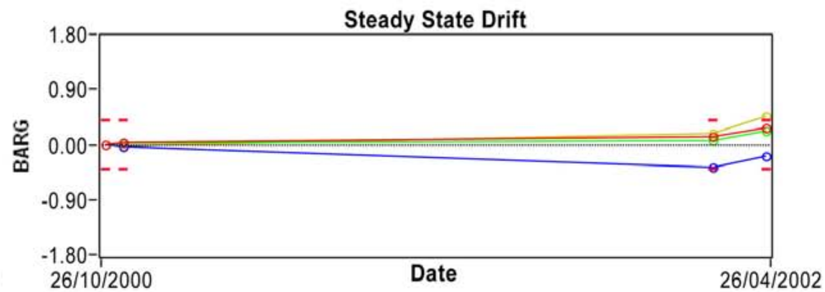


Figure A-26
RCS Pressure Narrow-Range SPS Summary Plot: Cycle 5

Cycle Summary

Group: CVCS VOLUME CONTROL TANK LEVEL **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	30 Oct 2000	13 Nov 2000	10 Mar 2002	22 Apr 2002	S2	Drift	Final
1BG-L-0142-W	PPS		X	X	X	X	X	X	X
1BG-L-0143-W	PPS	X	X	X	X	X	X	X	X
1BG-L-0144-W	PPS	X	X	X	X	X	X	X	X
1BG-L-0145-W	PPS		X	X	X	X	X		X
1BG-L-0149A-W	PFM	X	X	X	X	X	X	X	X

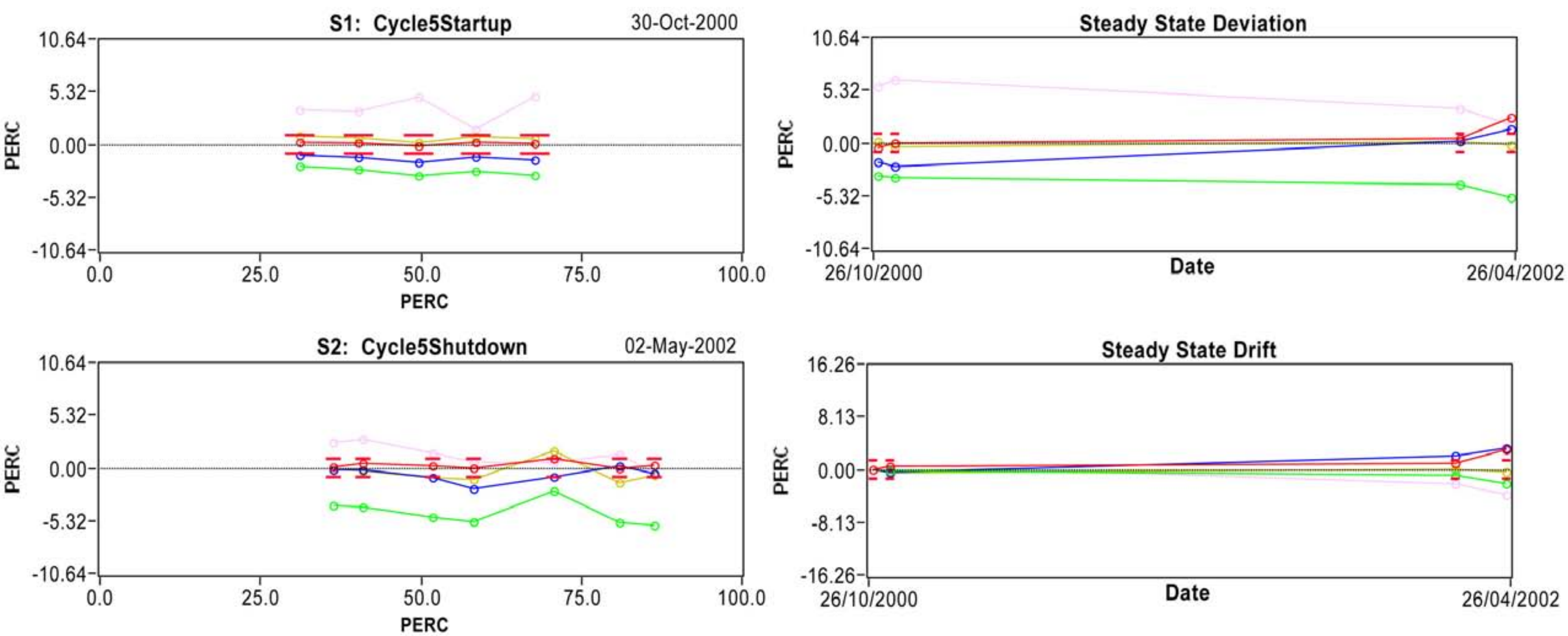


Figure A-27
CVCS Volume Control Tank Level Summary Plot: Cycle 5

Cycle Summary

Group: RWST LEVEL A **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	30 Oct 2000	13 Nov 2000	10 Mar 2002	22 Apr 2002	S2	Drift	Final
1BN-L-0930-W	PPS								
1BN-L-0931-W	PPS								
1BN-L-0932-W	PPS	X	X	X	X	X	X		X
1BN-L-0933-W	PPS						X		X

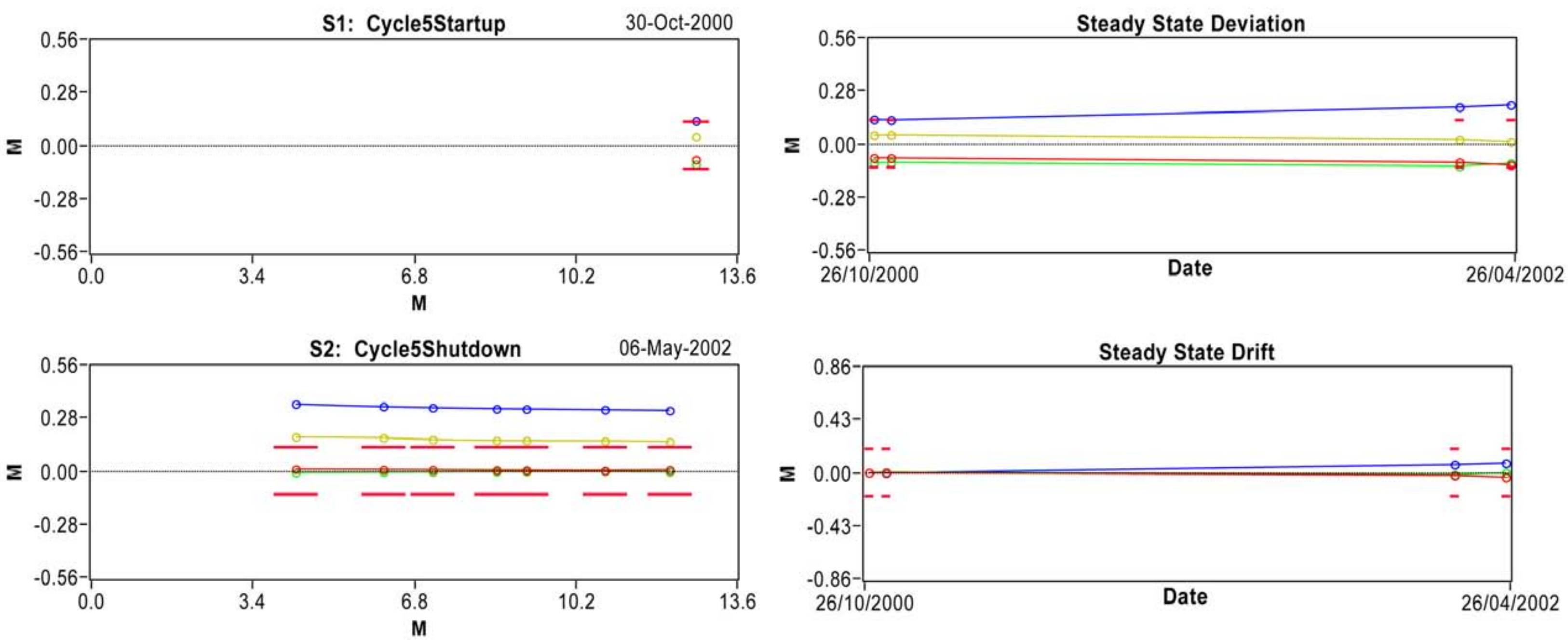


Figure A-28
RWST Level A Summary Plot: Cycle 5

Cycle Summary

Group: RWST LEVEL B **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	30 Oct 2000	13 Nov 2000	10 Mar 2002	22 Apr 2002	S2	Drift	Final
1BN-L-0940-W	PPS				X	X	X	X	X
1BN-L-0941-W	PPS	X	X	X	X	X	X	X	X
1BN-L-0942-W	PPS	X	X	X	X	X	X	X	X
1BN-L-0943-W	PPS				X	X	X	X	X

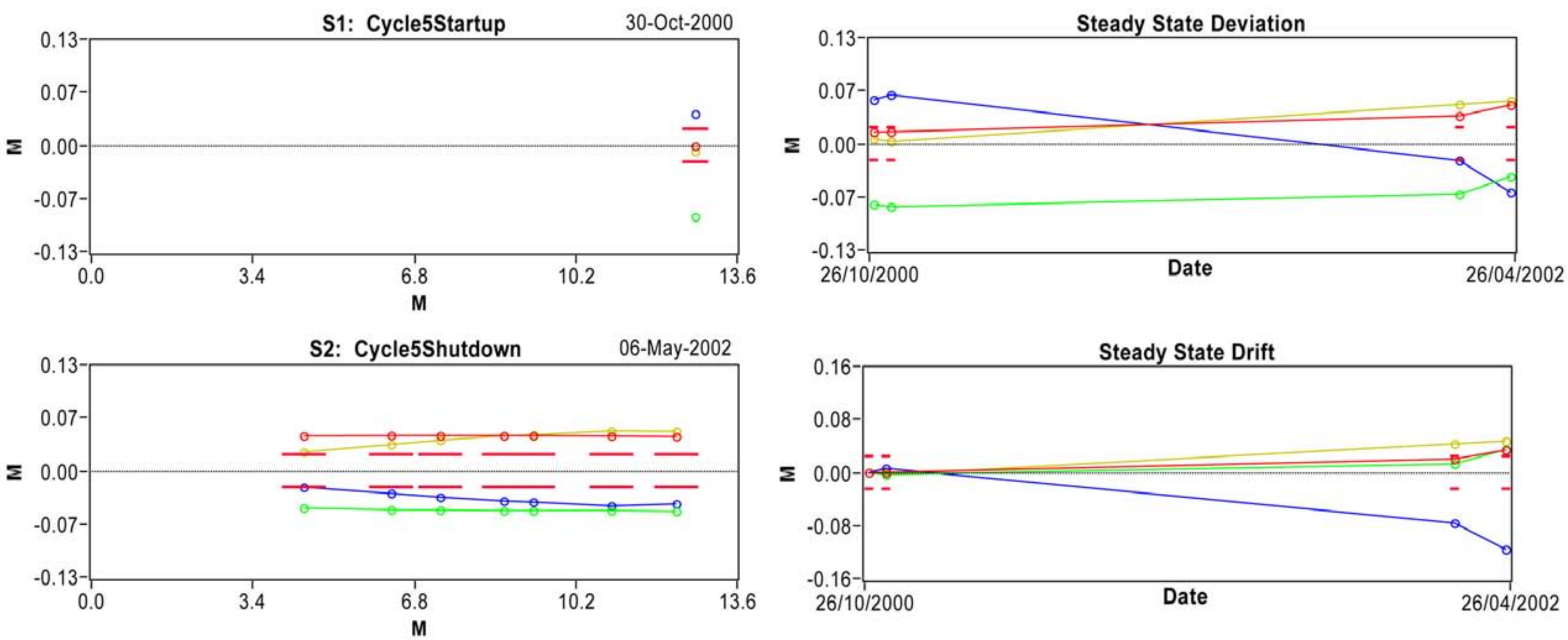


Figure A-29
RWST Level B Summary Plot: Cycle 5

Cycle Summary

Group: ESW TRAIN A FLOW **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	30 Oct 2000	13 Nov 2000	10 Mar 2002	22 Apr 2002	S2	Drift	Final
1EF-F-0186A-W	PPS								
1EF-F-0186B-W	PPS								
1EF-F-0186C-W	PPS								
1EF-F-0186D-W	PPS								

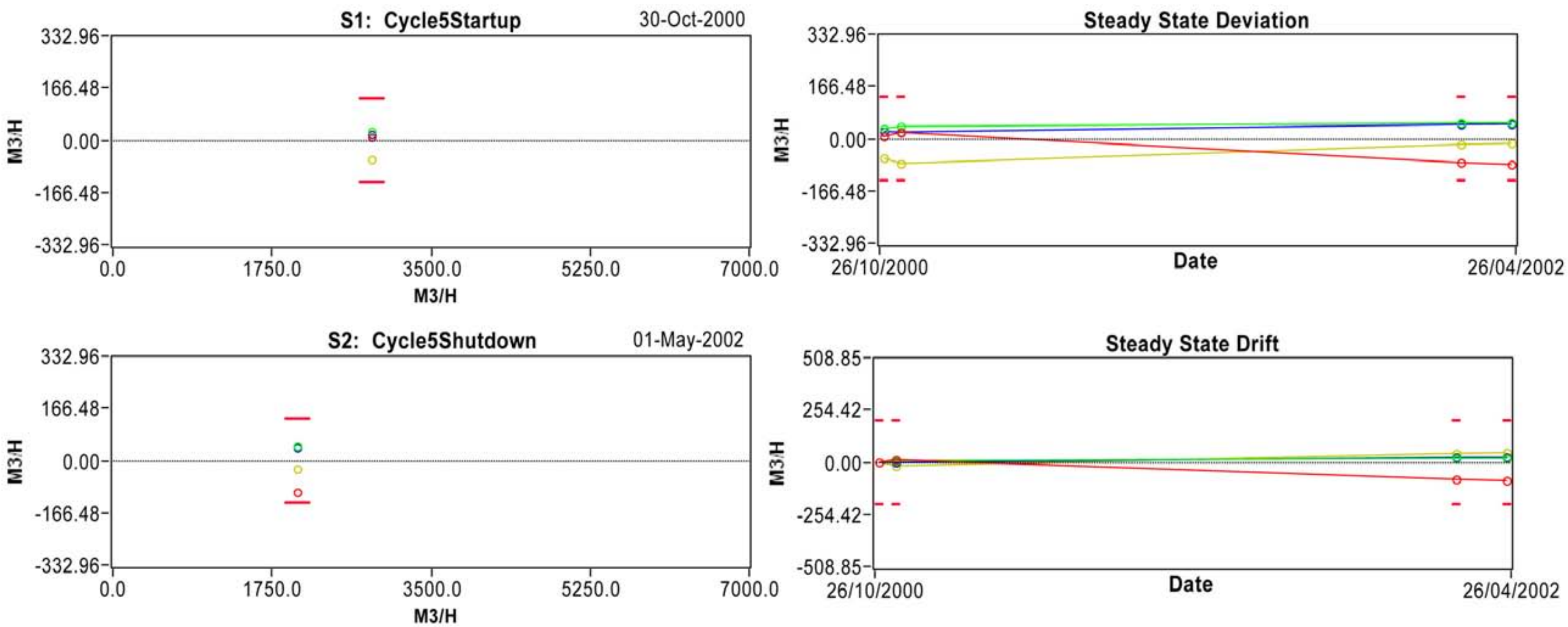


Figure A-30
ESW Train A Flow Summary Plot: Cycle 5

Cycle Summary

Group: ESW TRAIN B FLOW **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	30 Oct 2000	10 Mar 2002	S2	Drift	Final
1EF-F-0187A-W	PPS	N/A	N/A				
1EF-F-0187B-W	PPS						
1EF-F-0187C-W	PPS						
1EF-F-0187D-W	PPS		X				X

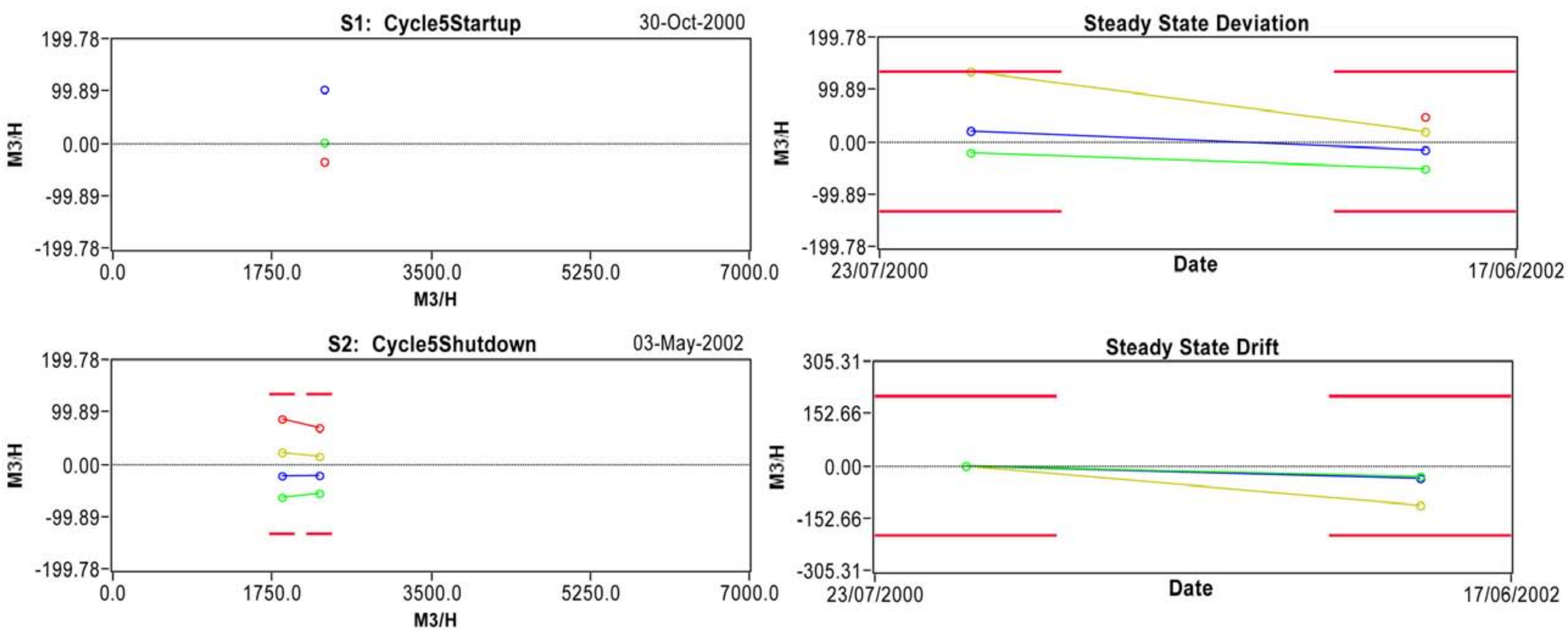
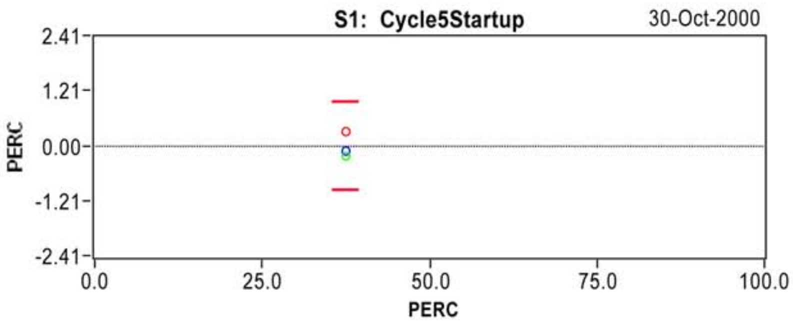


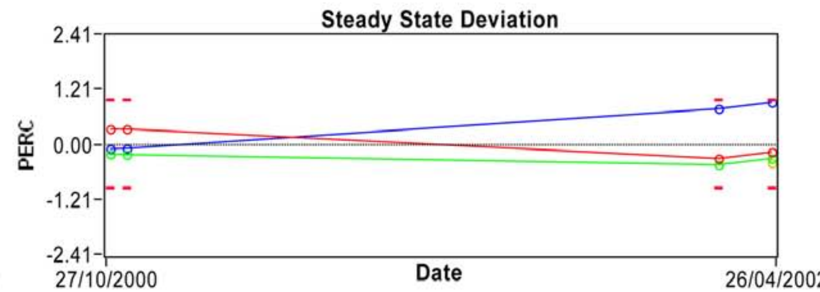
Figure A-31
ESW Train B Flow Summary Plot: Cycle 5

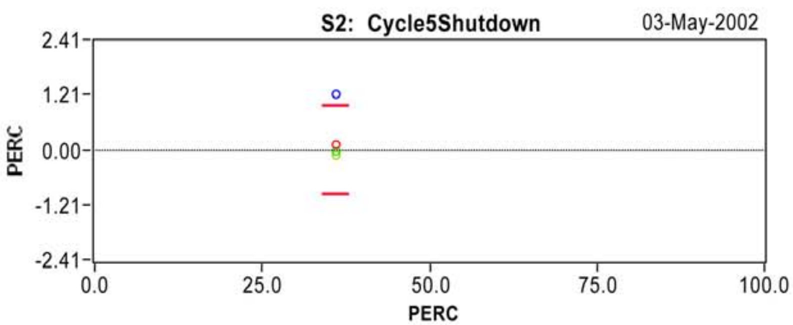
Cycle Summary

Group: SURGE TANK LEVEL IN CCWS TRAIN B **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	30 Oct 2000	12 Nov 2000	10 Mar 2002	22 Apr 2002	S2	Drift	Final
1EG-L-0311-W	PPS								
1EG-L-0312-W	PPS								
1EG-L-0313-W	PPS						X		X
1EG-L-0314-W	PPS	N/A	N/A	N/A	N/A				







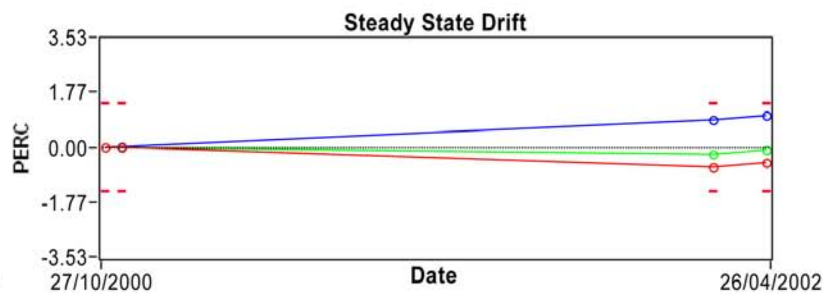


Figure A-32
Surge Tank Level in CCWS Train B Summary Plot: Cycle 5

Cycle Summary

Group: SURGE TANK LEVEL IN CCWS TRAIN A **Summary File:** Cycle5Summary **Test Engineer:** AMS

	Tag	Name	S1	30 Oct 2000	12 Nov 2000	10 Mar 2002	22 Apr 2002	S2	Drift	Final
	1EG-L-0321-W	PPS								
	1EG-L-0322-W	PPS								
	1EG-L-0323-W	PPS	X	X	X					X
	1EG-L-0324-W	PPS								

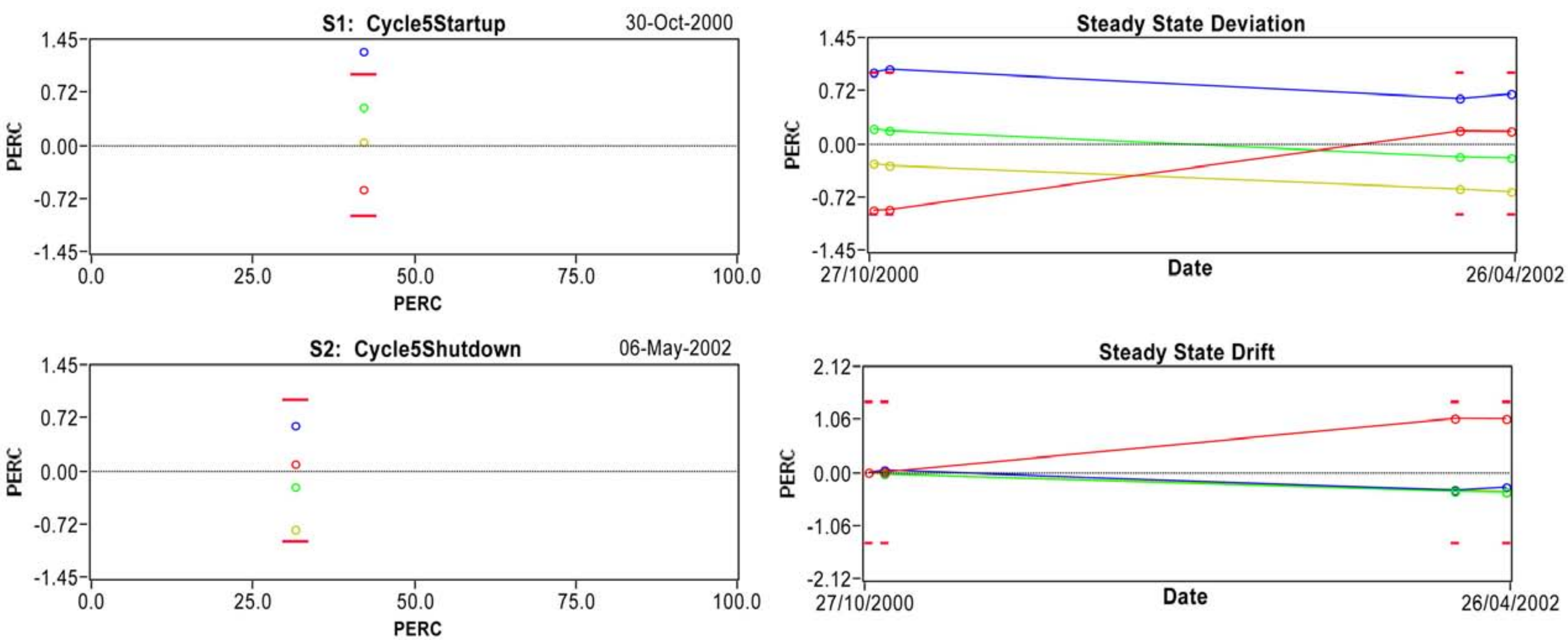


Figure A-33
Surge Tank Level in CCWS Train A Summary Plot: Cycle 5

Cycle Summary

Group: CCWS FLOW TO TRAIN A LT LOADS **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	30 Oct 2000	09 Nov 2000	10 Mar 2002	22 Apr 2002	S2	Drift	Final
1EG-F-0247A-W	PPS								
1EG-F-0247B-W	PPS				X	X			X
1EG-F-0247C-W	PPS								
1EG-F-0247D-W	PPS	X	X	X		X			X

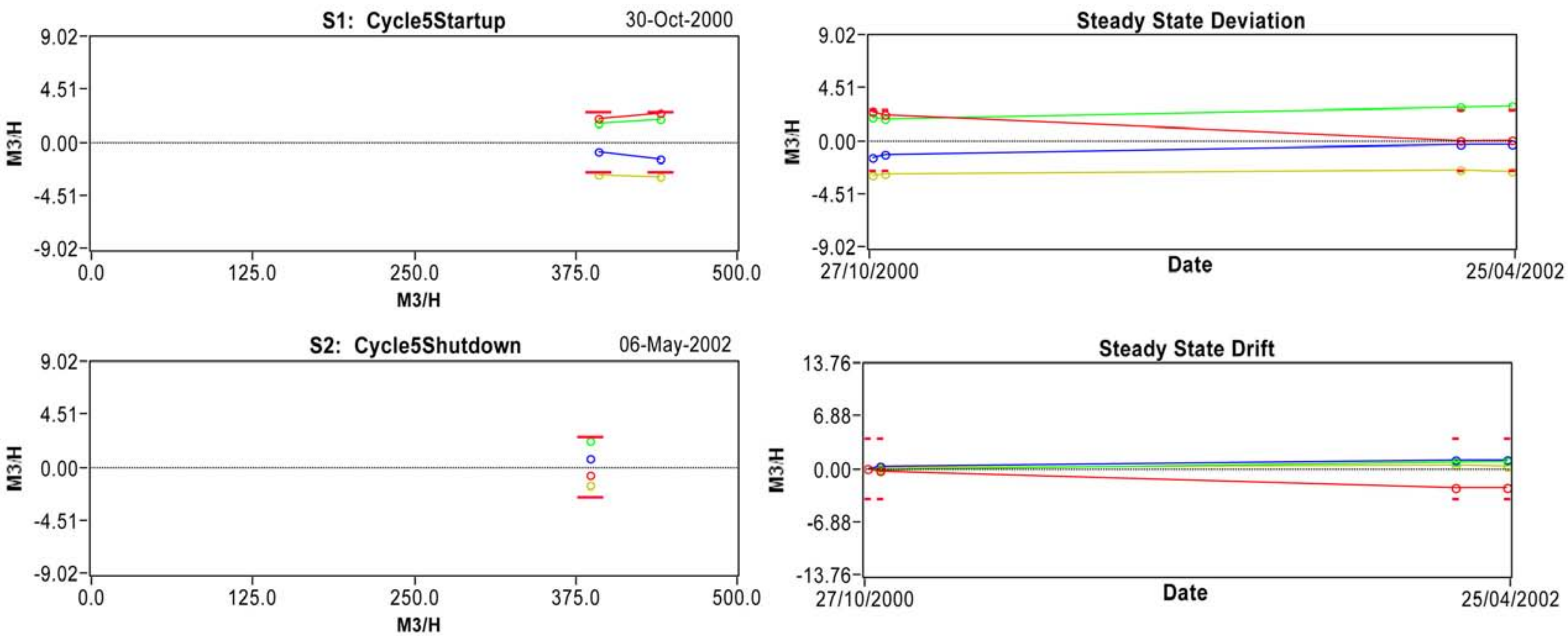
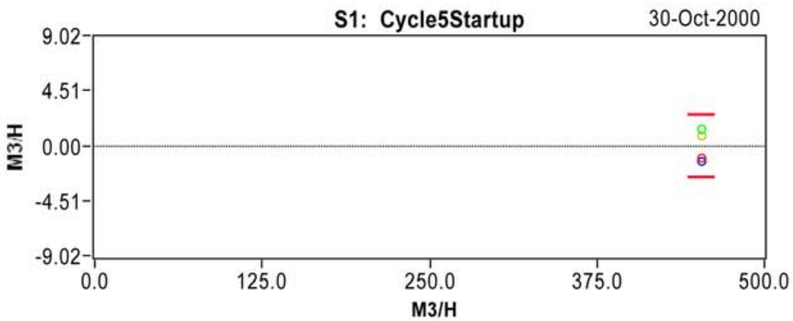


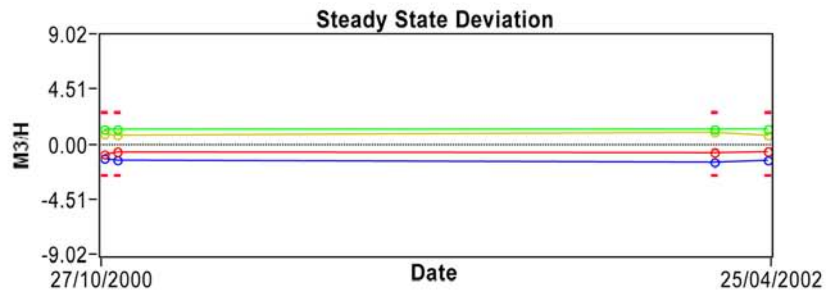
Figure A-34
CCWS Flow to Train A Low-Temperature Loads Summary Plot: Cycle 5

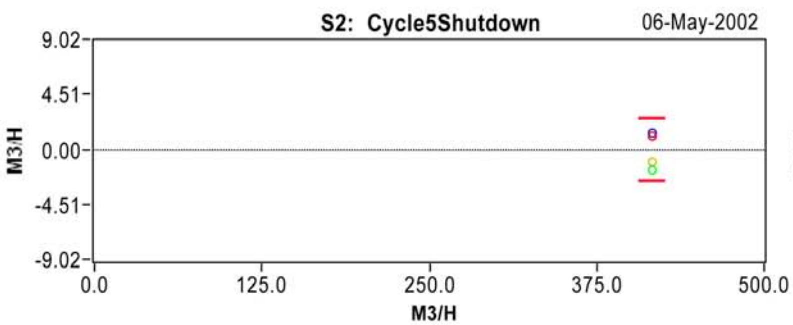
Cycle Summary

Group: CCWS FLOW TO TRAIN B LT LOADS **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	30 Oct 2000	09 Nov 2000	10 Mar 2002	22 Apr 2002	S2	Drift	Final
1EG-F-0248A-W	PPS								
1EG-F-0248B-W	PPS								
1EG-F-0248C-W	PPS								
1EG-F-0248D-W	PPS								







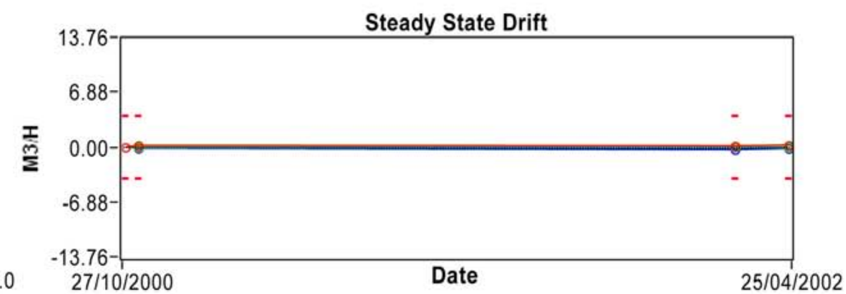


Figure A-35
CCWS Flow to Train B Low-Temperature Loads Summary Plot: Cycle 5

Cycle Summary

Group: CCW FLOW IN RCP THERMAL BARRIER RETURN **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	30 Oct 2000	09 Nov 2000	10 Mar 2002	22 Apr 2002	S2	Drift	Final
1EG-F-0250A-W	PPS								
1EG-F-0250B-W	PPS								
1EG-F-0250C-W	PPS								
1EG-F-0250D-W	PPS								

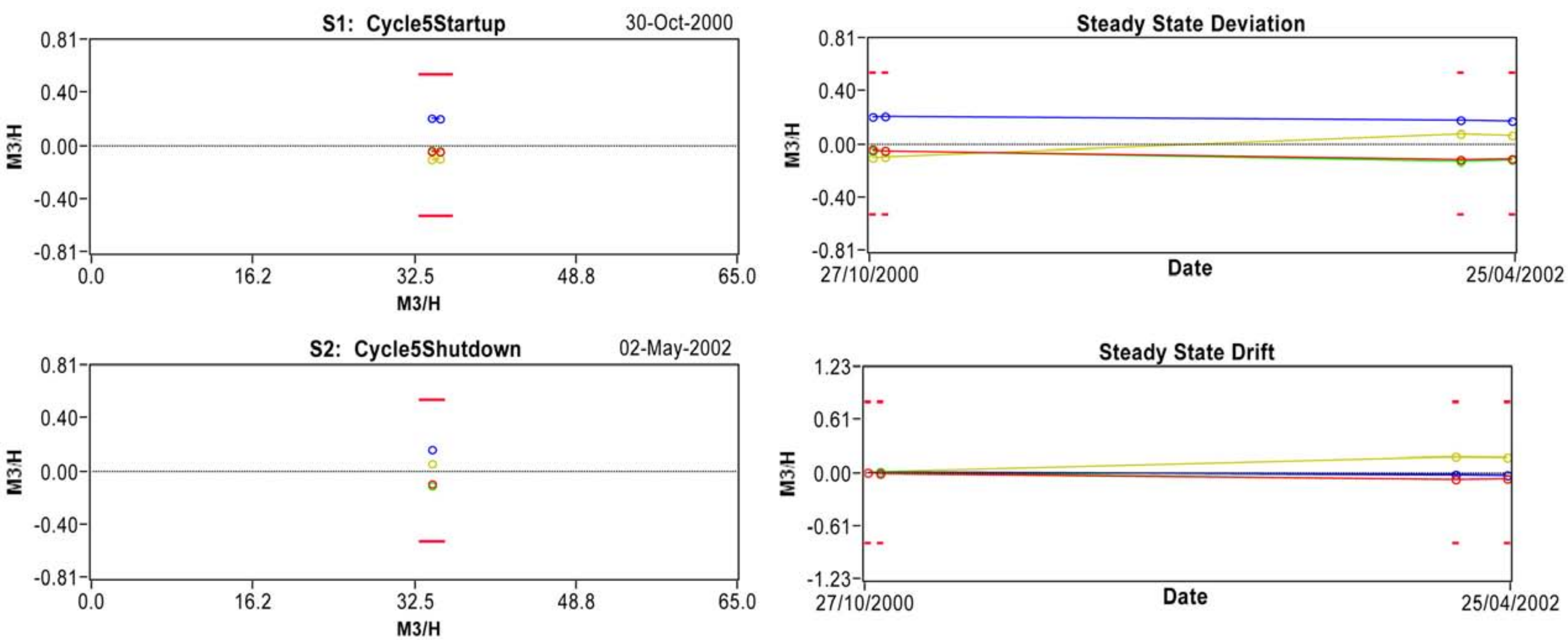
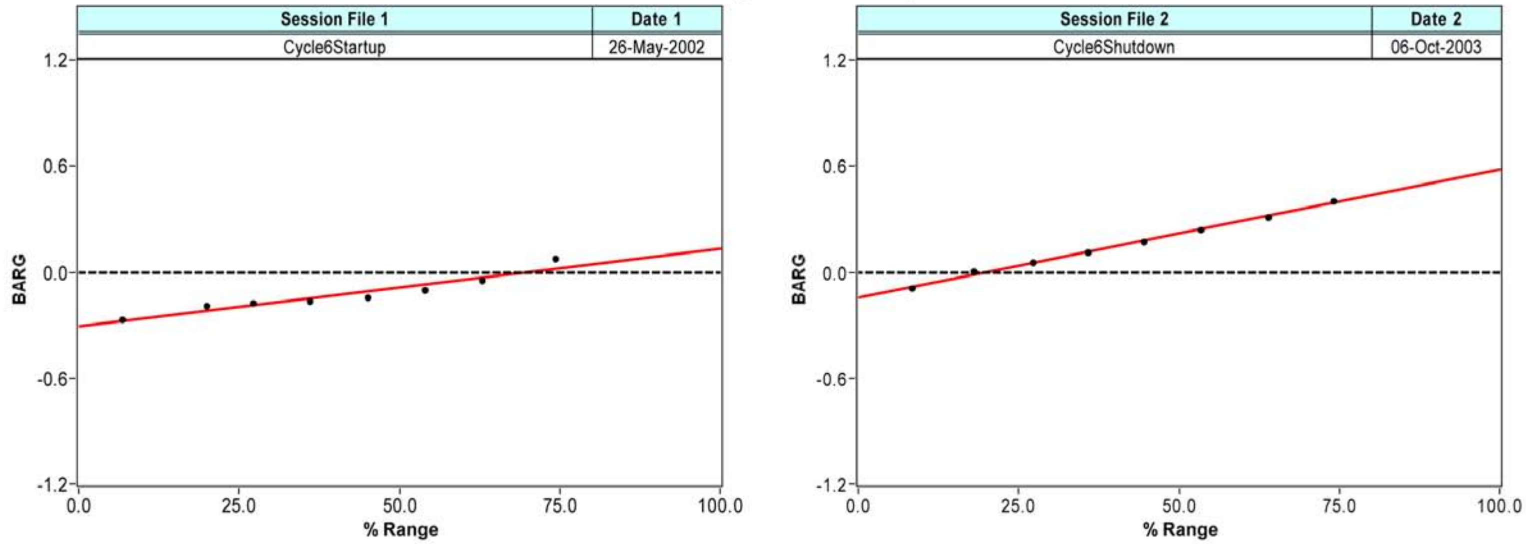
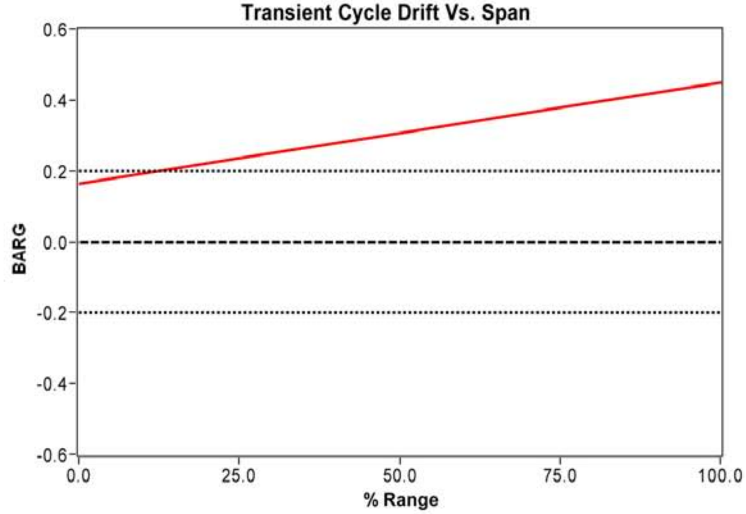


Figure A-36
CCW Flow in RCP Thermal Barrier Return Summary Plot: Cycle 5

Transient Cycle Drift Analysis



Transient Cycle Drift Vs. Span



Analysis Information

	Tag ID	Zero Drift	Span Drift	Result
Group				
MAIN STEAM PRESSURE LOOP 1				
	1AB-P-0513-W	-0.14	-0.47	Good
	1AB-P-0514-W	-0.09	-0.13	Good
	1AB-P-0515-W	-0.10	-0.35	Good
	1AB-P-0516-W	-0.07	-0.40	Good
	1AB-P-0177-W	-0.41	-0.53	Good
	1AB-P-0174-W	0.09	0.27	Bad
	1AB-P-0175-W	0.16	0.45	Bad
	1AB-P-0137-W	0.09	0.26	Bad
	1AB-P-0138-W	0.01	0.28	Bad

* = Recalibrated Between Date 1 and Date 2

Figure A-37
Reactor Building Pressure Summary Plot: Cycle 5

Cycle Summary

Group: MAIN STEAMLINE 1 FLOW **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	23 Oct 2000	12 Nov 2000	10 Mar 2002	22 Apr 2002	S2	Drift	Final
1AB-F-0170-W	PPS			X	X	X	X	X	X
1AB-F-0171-W	PPS			X	X	X		X	X
1AB-F-0172-W	PPS								

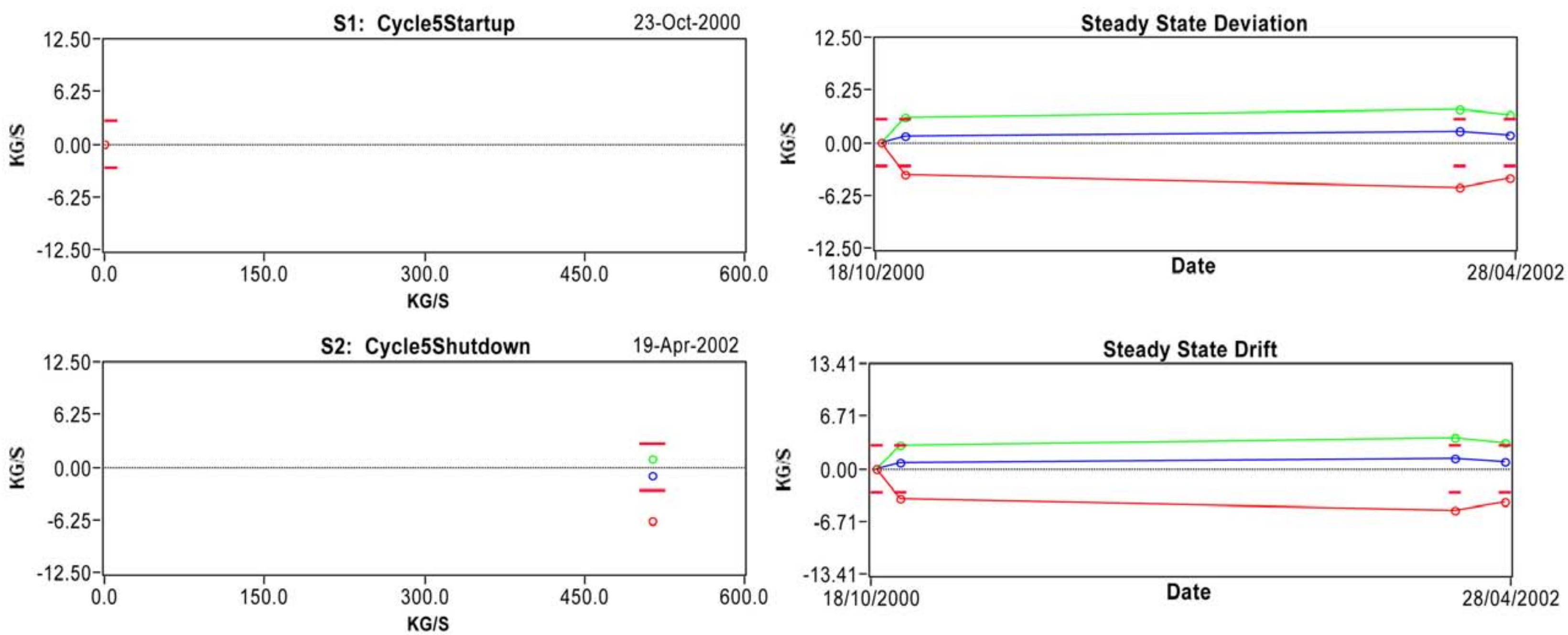


Figure A-38
Main Steamline 1 Flow Summary Plot: Cycle 5

Cycle Summary

Group: MAIN STEAMLINE 2 FLOW **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	23 Oct 2000	12 Nov 2000	10 Mar 2002	22 Apr 2002	S2	Drift	Final														
1AB-F-0270-W	PPS																						
1AB-F-0271-W	PPS																						
1AB-F-0272-W	PPS						X		X														

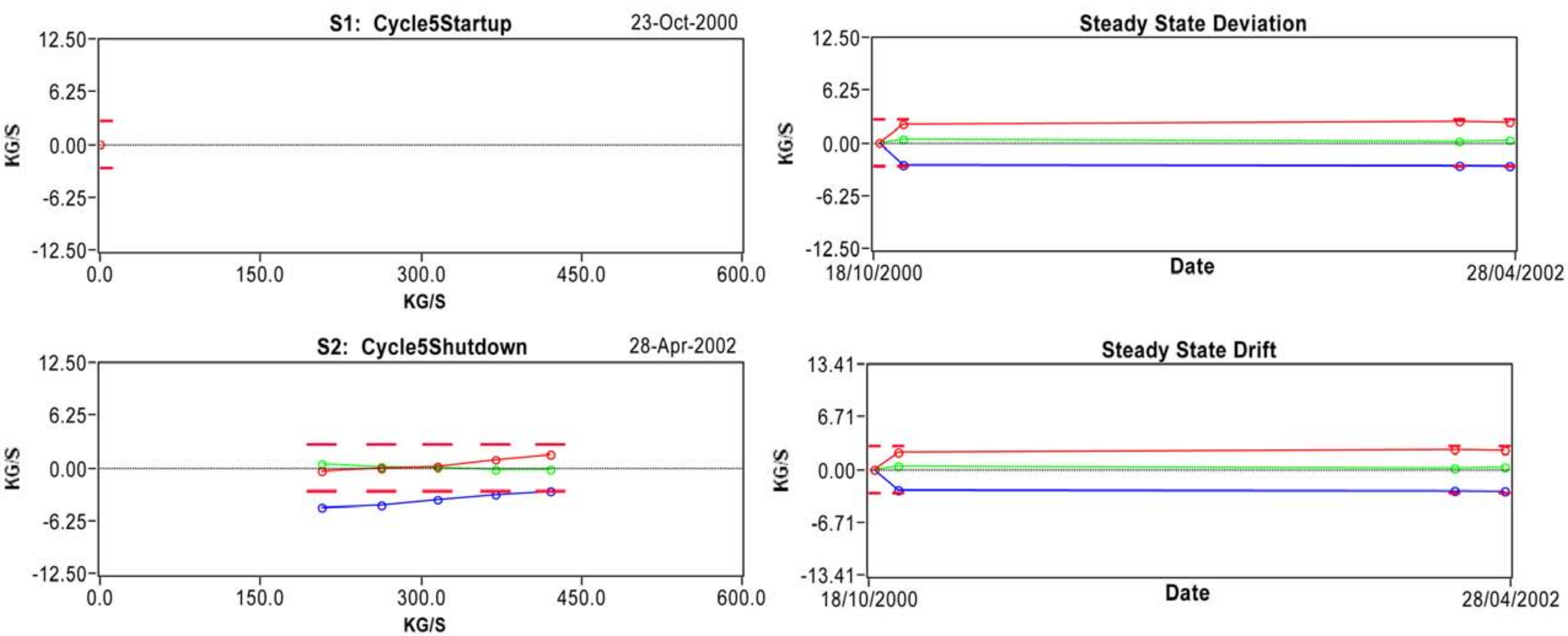


Figure A-39
Main Steamline 2 Flow Summary Plot: Cycle 5

Cycle Summary

Group: MAIN STEAMLINE 3 FLOW **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	23 Oct 2000	12 Nov 2000	10 Mar 2002	22 Apr 2002	S2	Drift	Final
1AB-F-0370-W	PPS						X		X
1AB-F-0371-W	PPS								
1AB-F-0372-W	PPS								

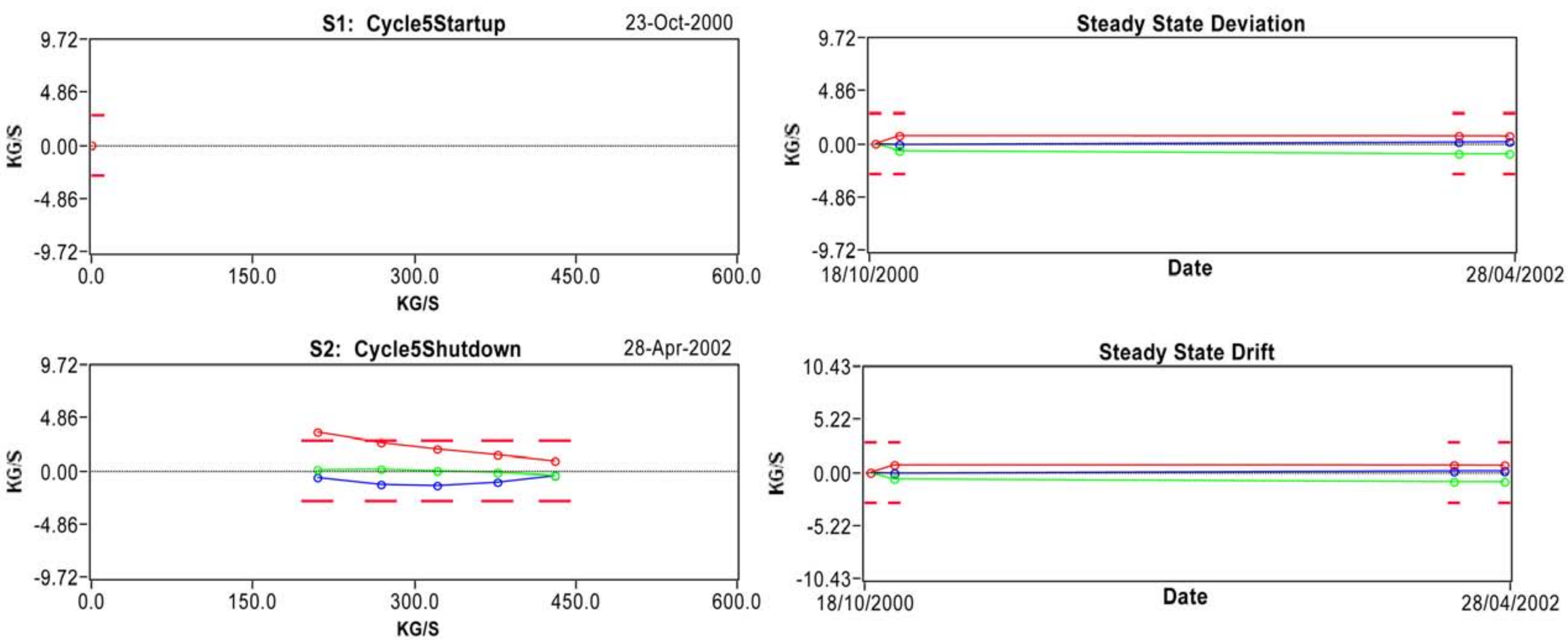


Figure A-40
Main Steamline 3 Flow Summary Plot: Cycle 5

Cycle Summary

Group: MAIN STEAMLINE 4 FLOW **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	23 Oct 2000	12 Nov 2000	10 Mar 2002	22 Apr 2002	S2	Drift	Final
1AB-F-0470-W	PPS				X		X		X
1AB-F-0471-W	PPS						X		X
1AB-F-0472-W	PPS			X				X	X

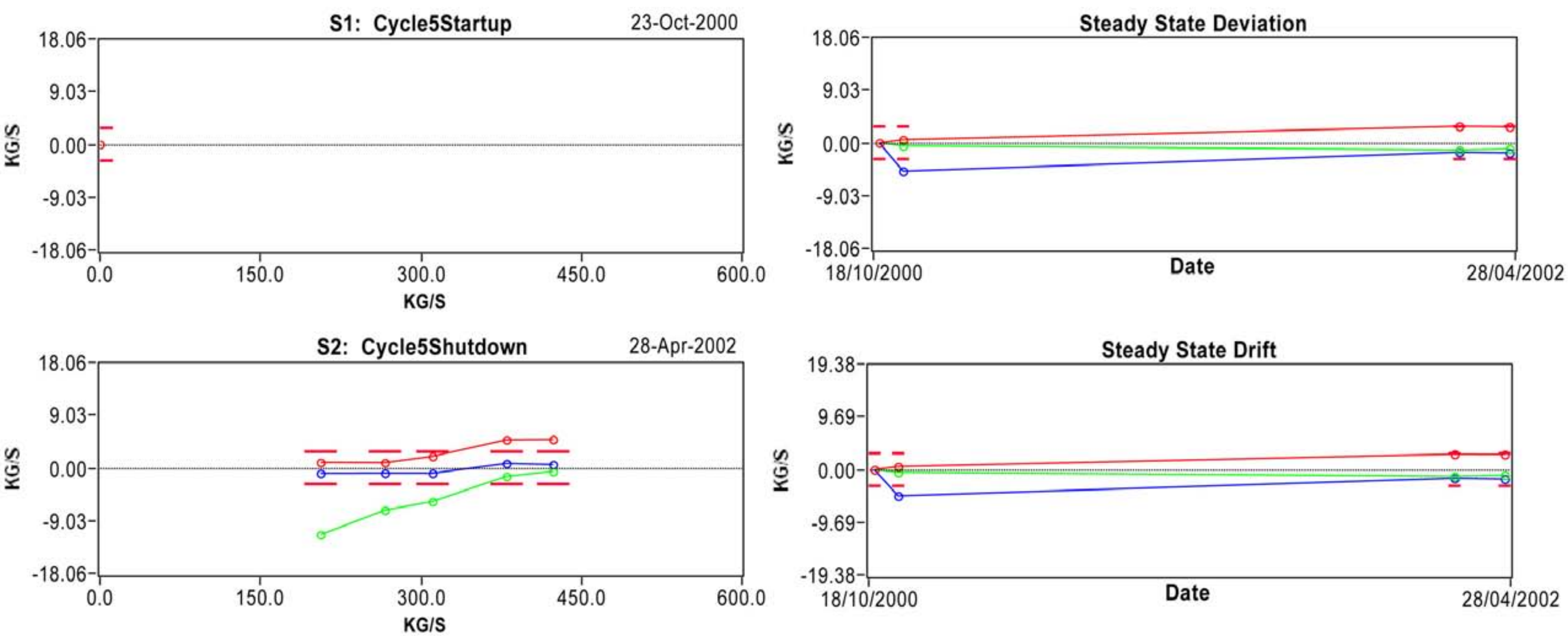


Figure A-41
Main Steamline 4 Flow Summary Plot: Cycle 5

Cycle Summary

Group: RCP SEAL INJECTION FLOW **Summary File:** Cycle5Summary **Test Engineer:** AMS

Tag	Name	S1	S2	Final
1BB-F-0601-W	SPS		N/A	
1BB-F-0602-W	SPS	X	N/A	X
1BB-F-0603-W	SPS		N/A	
1BB-F-0604-W	SPS		N/A	

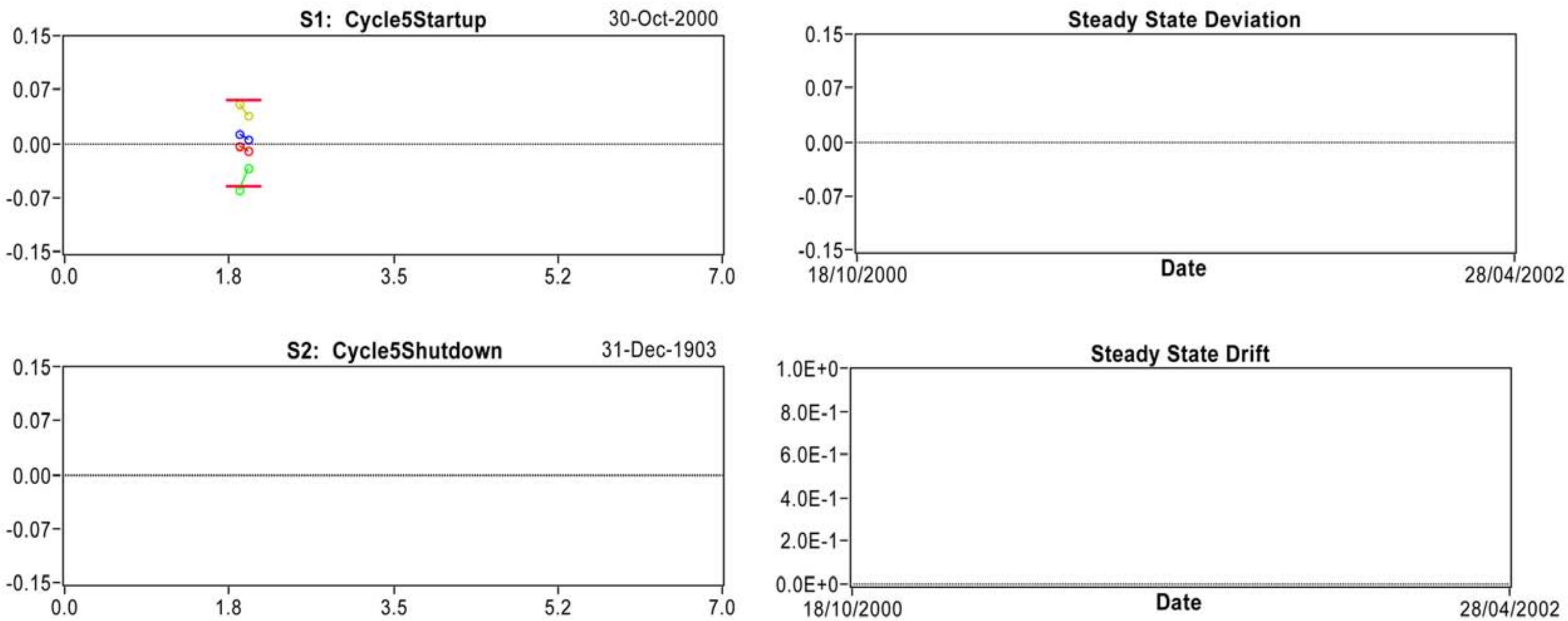


Figure A-42
RCP Seal Injection Flow Summary Plot: Cycle 5

Cycle 5 Transient Cycle Drift Analysis

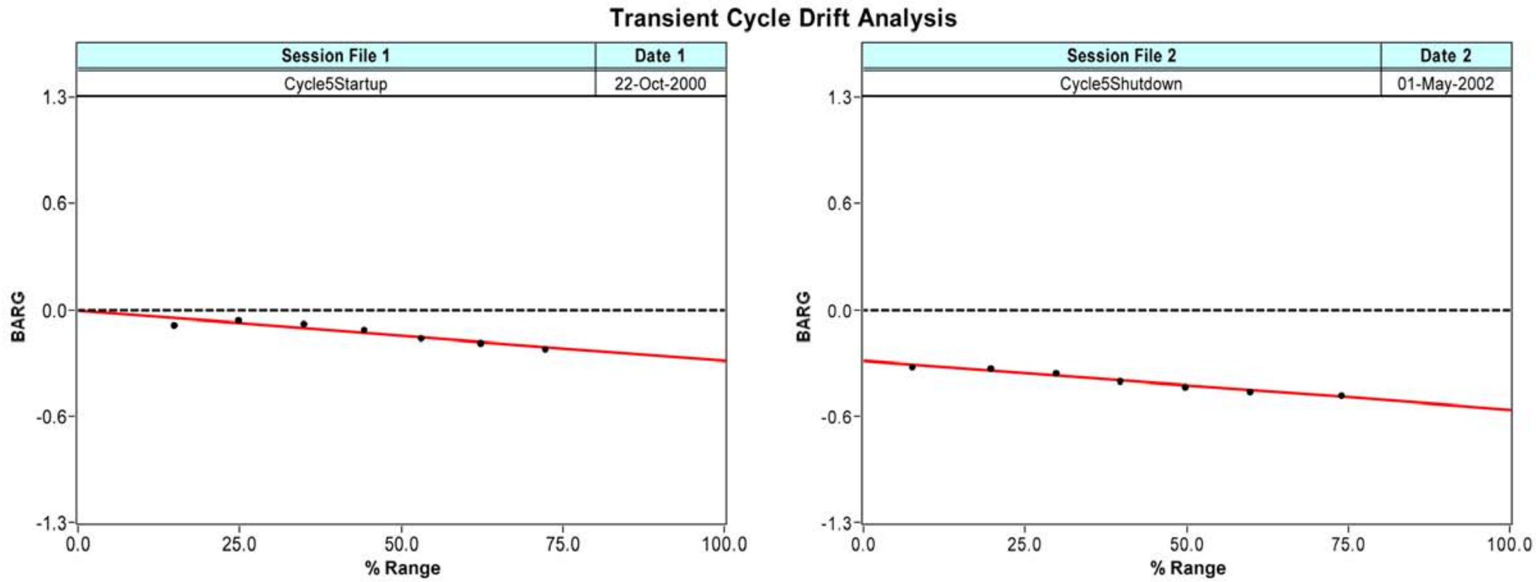
The transient cycle drift analysis results are provided Table A-3. Figures A-43 through A-82 show summary plots for each listed service, as indicated in the "Figure Number" column of Table A-3.

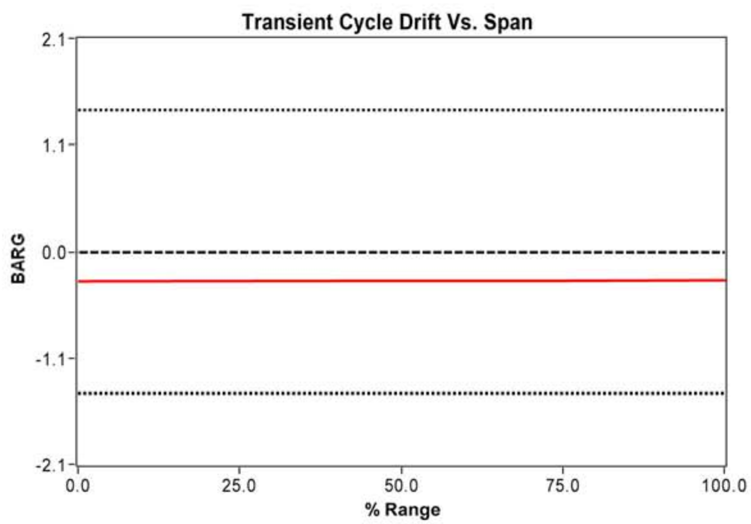
Table A-3
Cycle 5 Transient Drift Analysis Summary

Item #	Service	Tag ID	Zero Drift	Span Drift	Result	Figure Number
1	Main Steam Pressure Loop 1	1AB-P-0513-W	-0.30	-0.29	Good	A-43
2	Main Steam Pressure Loop 1	1AB-P-0514-W	-0.15	0.01	Good	A-44
3	Main Steam Pressure Loop 1	1AB-P-0515-W	-0.19	-0.34	Good	A-45
4	Main Steam Pressure Loop 1	1AB-P-0516-W	0.13	-0.32	Good	A-46
5	Main Steam Pressure Loop 1	1AB-P-0177-W	-0.09	-0.19	Good	A-47
6	Main Steam Pressure Loop 1	1AB-P-0174-W	0.14	0.15	Good	A-48
7	Main Steam Pressure Loop 1	1AB-P-0175-W	0.06	0.89	Bad	A-49
8	Main Steam Pressure Loop 1	1AB-P-0137-W	0.18	0.17	Good	A-50
9	Main Steam Pressure Loop 1	1AB-P-0138-W	0.46	-0.02	Bad	A-51
10	Main Steam Pressure Loop 2	1AB-P-0523-W	-0.11	-0.31	Good	A-52
11	Main Steam Pressure Loop 2	1AB-P-0524-W	-0.31	-0.36	Good	A-53
12	Main Steam Pressure Loop 2	1AB-P-0525-W	-0.22	-0.48	Good	A-54
13	Main Steam Pressure Loop 2	1AB-P-0526-W	0.09	0.17	Good	A-55
14	Main Steam Pressure Loop 2	1AB-P-0277-W	-0.07	-0.13	Good	A-56
15	Main Steam Pressure Loop 2	1AB-P-0275-W	-0.03	0.07	Good	A-57
16	Main Steam Pressure Loop 2	1AB-P-0274-W	0.81	3.21	Bad	A-58
17	Main Steam Pressure Loop 2	1AB-P-0237-W	0.04	0.20	Good	A-59
18	Main Steam Pressure Loop 2	1AB-P-0238-W	0.01	0.09	Good	A-60
19	Main Steam Pressure Loop 3	1AB-P-0533-W	-0.17	-0.60	Good	A-61
20	Main Steam Pressure Loop 3	1AB-P-0534-W	-0.72	-0.38	Good	A-62
21	Main Steam Pressure Loop 3	1AB-P-0535-W	-0.96	-0.91	Good	A-63
22	Main Steam Pressure Loop 3	1AB-P-0536-W	-0.15	-0.29	Good	A-64
23	Main Steam Pressure Loop 3	1AB-P-0377-W	0.12	-0.49	Good	A-65
24	Main Steam Pressure Loop 3	1AB-P-0337-W	-0.11	-0.23	Bad	A-66

Table A-3 (continued)
Cycle 5 Transient Drift Analysis Summary

Item #	Service	Tag ID	Zero Drift	Span Drift	Result	Figure Number
25	Main Steam Pressure Loop 3	1AB-P-0338-W	0.07	0.53	Bad	A-67
26	Main Steam Pressure Loop 3	1AB-P-0375-W	-0.15	-0.21	Bad	A-68
27	Main Steam Pressure Loop 3	1AB-P-0374-W	-0.10	-0.30	Bad	A-69
28	Main Steam Pressure Loop 4	1AB-P-0543-W	-0.44	-0.51	Good	A-70
29	Main Steam Pressure Loop 4	1AB-P-0544-W	-0.44	-0.29	Good	A-71
30	Main Steam Pressure Loop 4	1AB-P-0545-W	-0.13	-0.29	Good	A-72
31	Main Steam Pressure Loop 4	1AB-P-0546-W	-0.43	-0.08	Good	A-73
32	Main Steam Pressure Loop 4	1AB-P-0477-W	-0.45	0.51	Good	A-74
33	Main Steam Pressure Loop 4	1AB-P-0437-W	-0.06	-0.09	Good	A-75
34	Main Steam Pressure Loop 4	1AB-P-0438-W	0.30	0.66	Bad	A-76
35	Main Steam Pressure Loop 4	1AB-P-0474-W	-0.07	0.03	Good	A-77
36	Main Steam Pressure Loop 4	1AB-P-0475-W	-0.10	0.05	Good	A-78
37	Pressurizer Pressure	1BB-P-0455-W	-0.11	-0.19	Good	A-79
38	Pressurizer Pressure	1BB-P-0456-W	1.88	0.43	Bad	A-80
39	Pressurizer Pressure	1BB-P-0457-W	-0.09	-0.16	Good	A-81
40	Pressurizer Pressure	1BB-P-0458-W	-0.48	-0.60	Good	A-82
41	Pressurizer Level	1BB-L-0465-W	-3.11	-12.54	Bad	A-83
42	Pressurizer Level	1BB-L-0466-W	0.28	-0.04	Good	A-84
43	Pressurizer Level	1BB-L-0467-W	-0.22	-0.08	Good	A-85
44	Pressurizer Level	1BB-L-0468-W	0.05	-0.37	Good	A-86





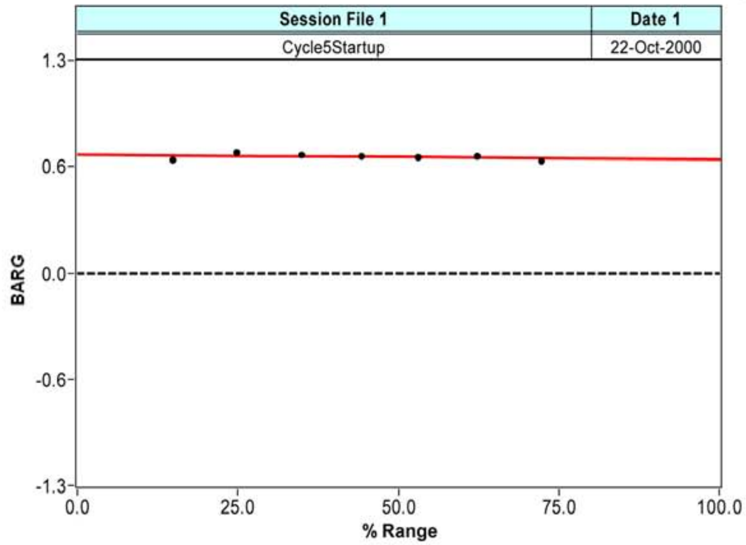
Analysis Information

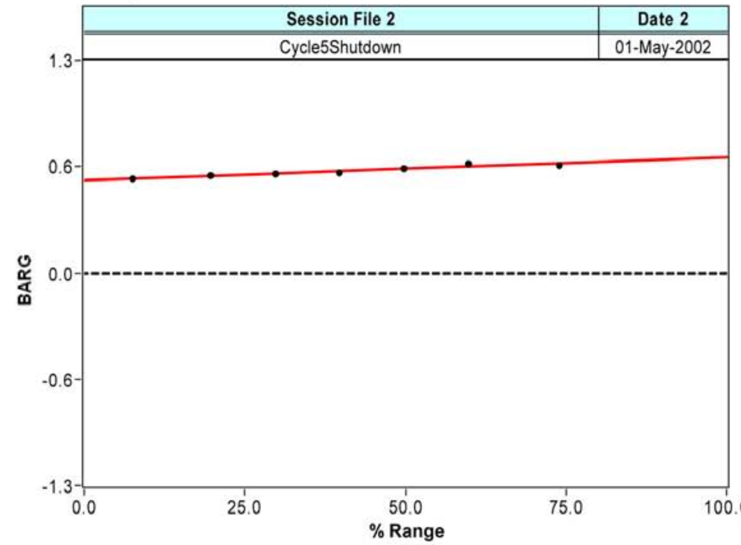
Group				
MAIN STEAM PRESSURE LOOP 1				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0513-W	-0.30	-0.29	Good
	1AB-P-0514-W	-0.15	0.01	Good
	1AB-P-0515-W	-0.19	-0.34	Good
	1AB-P-0516-W	0.13	-0.32	Good
	1AB-P-0177-W	-0.09	-0.19	Good
	1AB-P-0174-W	0.14	0.15	Good
	1AB-P-0175-W	0.06	0.89	Bad
	1AB-P-0137-W	0.18	0.17	Good
	1AB-P-0138-W	0.46	-0.02	Bad

* = Recalibrated Between Date 1 and Date 2

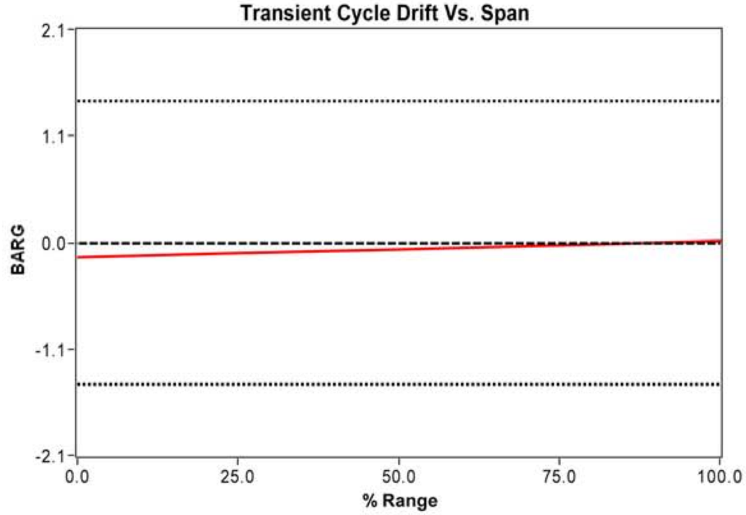
Figure A-43
Main Steam Pressure Loop 1 (1AB-P-0513-W) Transient Drift Analysis: Cycle 5

Transient Cycle Drift Analysis





Transient Cycle Drift Vs. Span



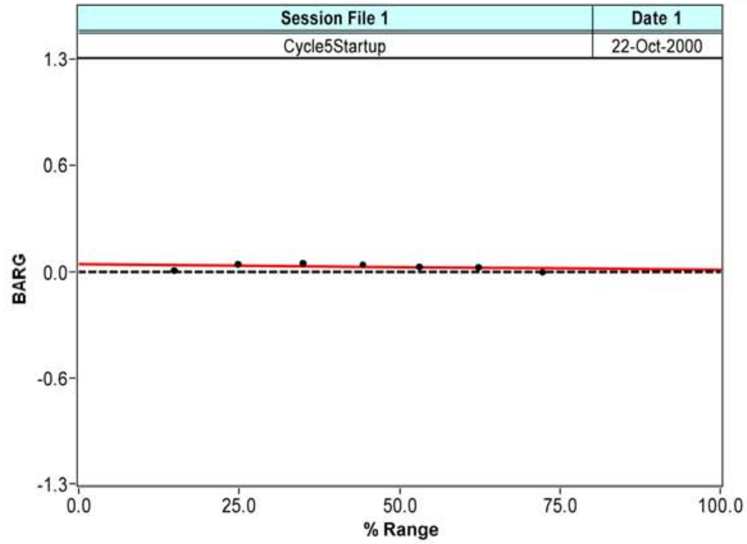
Analysis Information

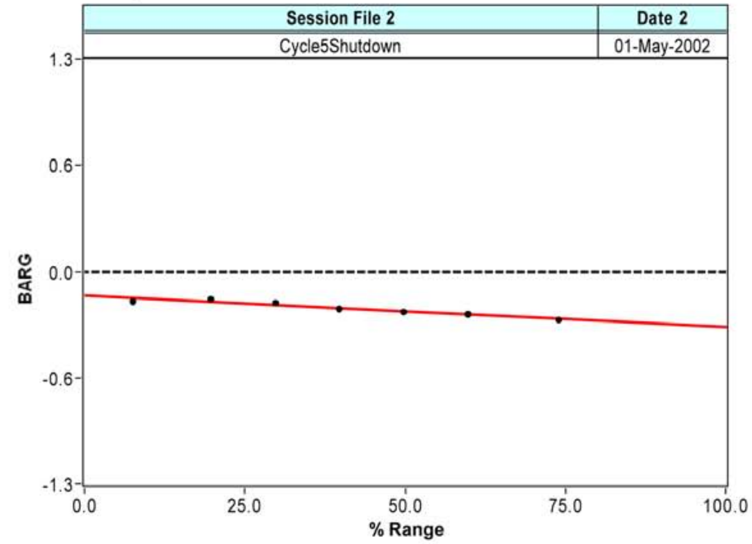
Group				
MAIN STEAM PRESSURE LOOP 1				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0513-W	-0.30	-0.29	Good
	1AB-P-0514-W	-0.15	0.01	Good
	1AB-P-0515-W	-0.19	-0.34	Good
	1AB-P-0516-W	0.13	-0.32	Good
	1AB-P-0177-W	-0.09	-0.19	Good
	1AB-P-0174-W	0.14	0.15	Good
	1AB-P-0175-W	0.06	0.89	Bad
	1AB-P-0137-W	0.18	0.17	Good
	1AB-P-0138-W	0.46	-0.02	Bad

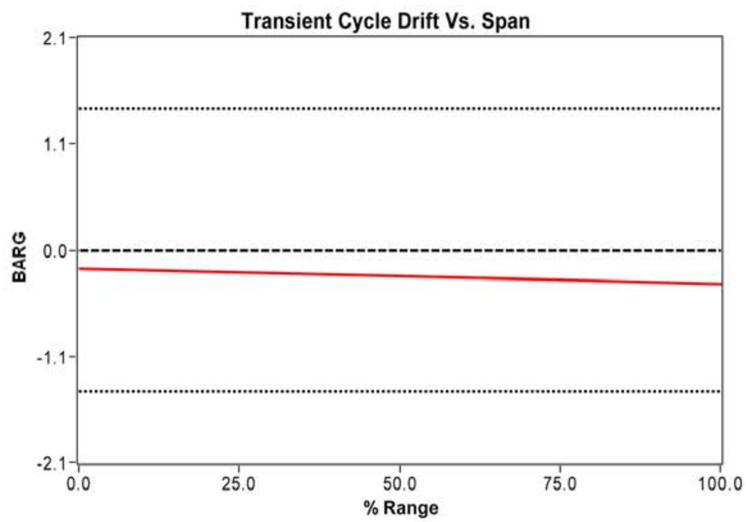
* = Recalibrated Between Date 1 and Date 2

Figure A-44
Main Steam Pressure Loop 1 (1AB-P-0514-W) Transient Drift Analysis: Cycle 5

Transient Cycle Drift Analysis





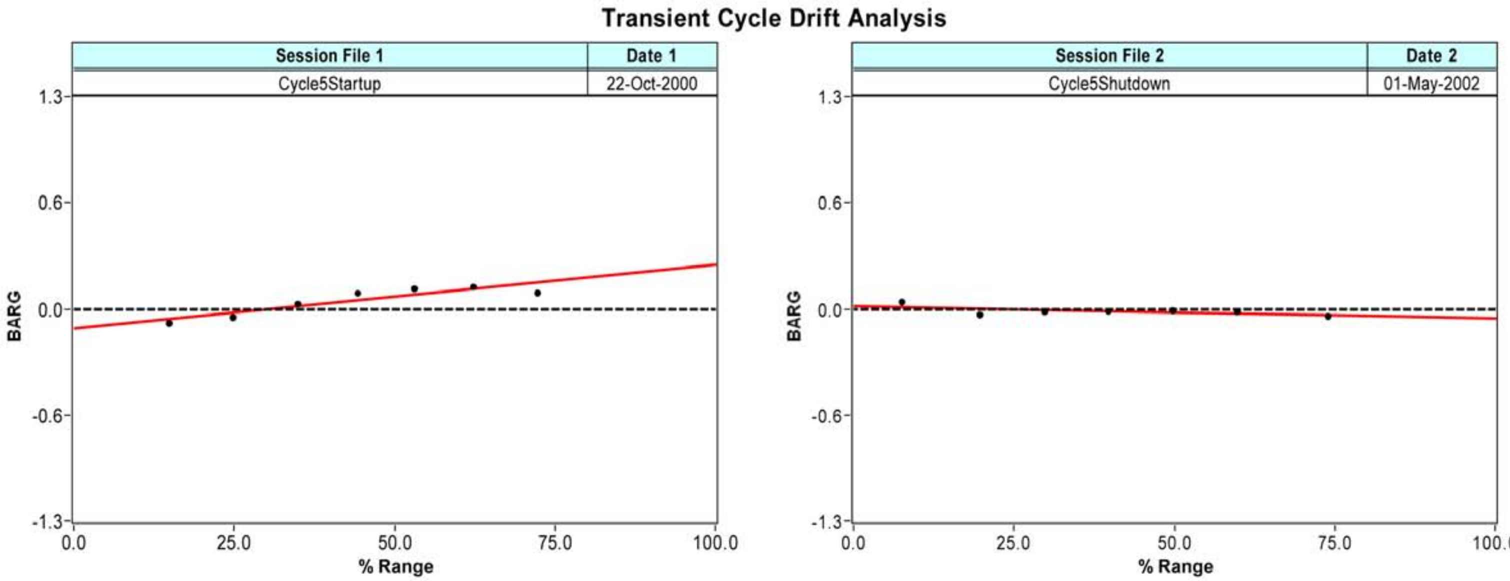


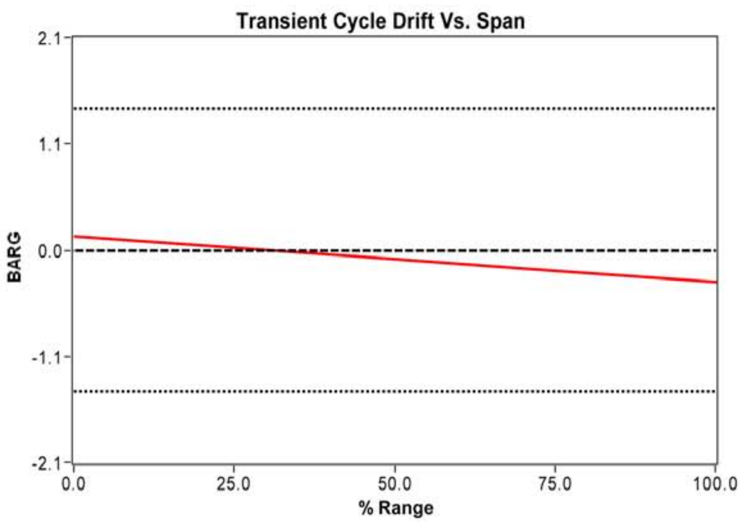
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 1				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0513-W	-0.30	-0.29	Good
	1AB-P-0514-W	-0.15	0.01	Good
	1AB-P-0515-W	-0.19	-0.34	Good
	1AB-P-0516-W	0.13	-0.32	Good
	1AB-P-0177-W	-0.09	-0.19	Good
	1AB-P-0174-W	0.14	0.15	Good
	1AB-P-0175-W	0.06	0.89	Bad
	1AB-P-0137-W	0.18	0.17	Good
	1AB-P-0138-W	0.46	-0.02	Bad

* = Recalibrated Between Date 1 and Date 2

Figure A-45
Main Steam Pressure Loop 1 (1AB-P-0515-W) Transient Drift Analysis: Cycle 5



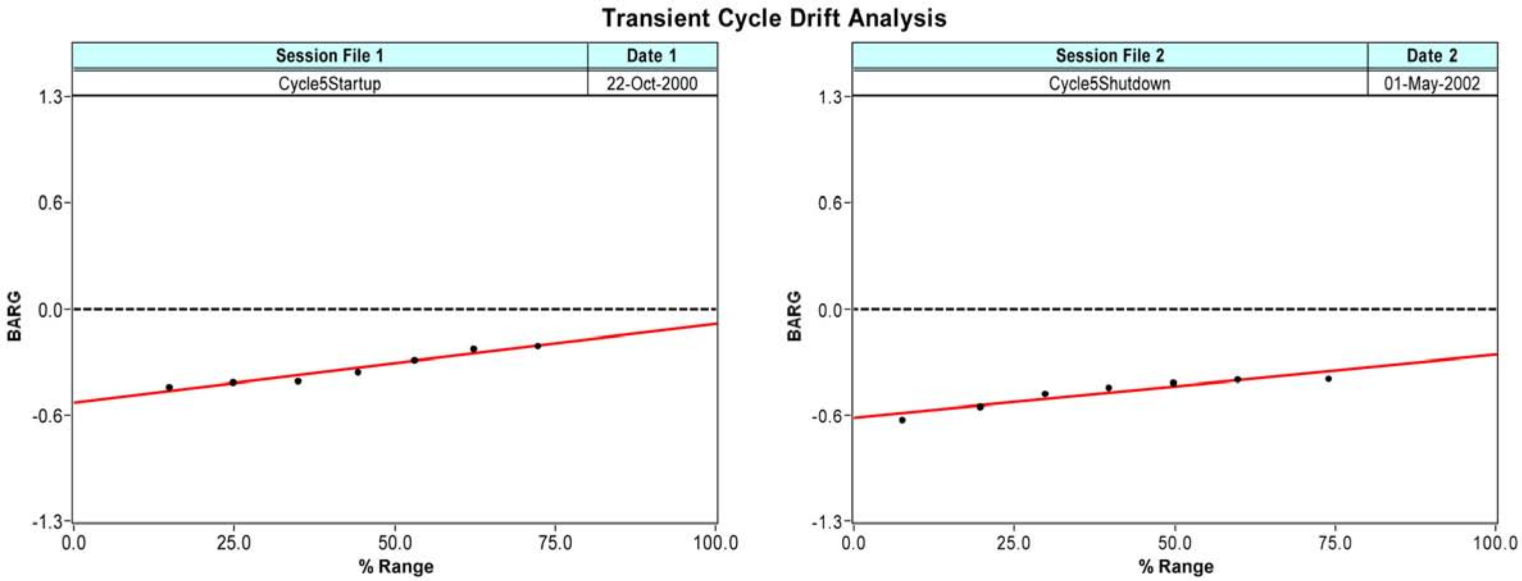


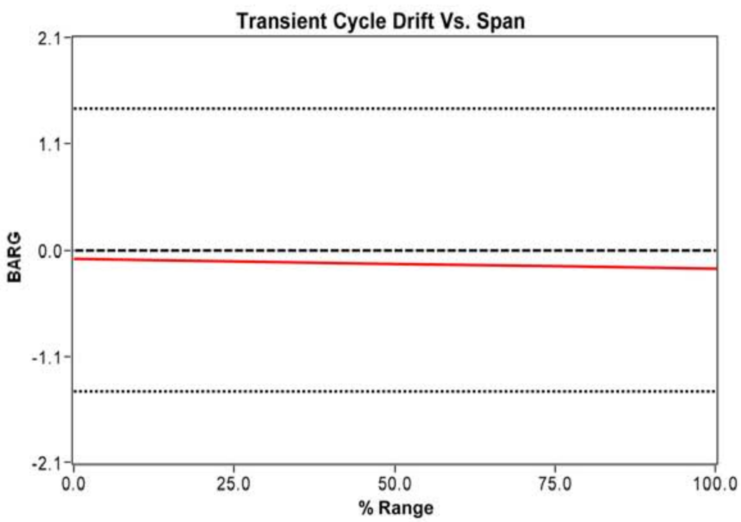
Analysis Information

	Group			
	MAIN STEAM PRESSURE LOOP 1			
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0513-W	-0.30	-0.29	Good
	1AB-P-0514-W	-0.15	0.01	Good
	1AB-P-0515-W	-0.19	-0.34	Good
	1AB-P-0516-W	0.13	-0.32	Good
	1AB-P-0177-W	-0.09	-0.19	Good
	1AB-P-0174-W	0.14	0.15	Good
	1AB-P-0175-W	0.06	0.89	Bad
	1AB-P-0137-W	0.18	0.17	Good
	1AB-P-0138-W	0.46	-0.02	Bad

* = Recalibrated Between Date 1 and Date 2

Figure A-46
Main Steam Pressure Loop 1 (1AB-P-0516-W) Transient Drift Analysis: Cycle 5



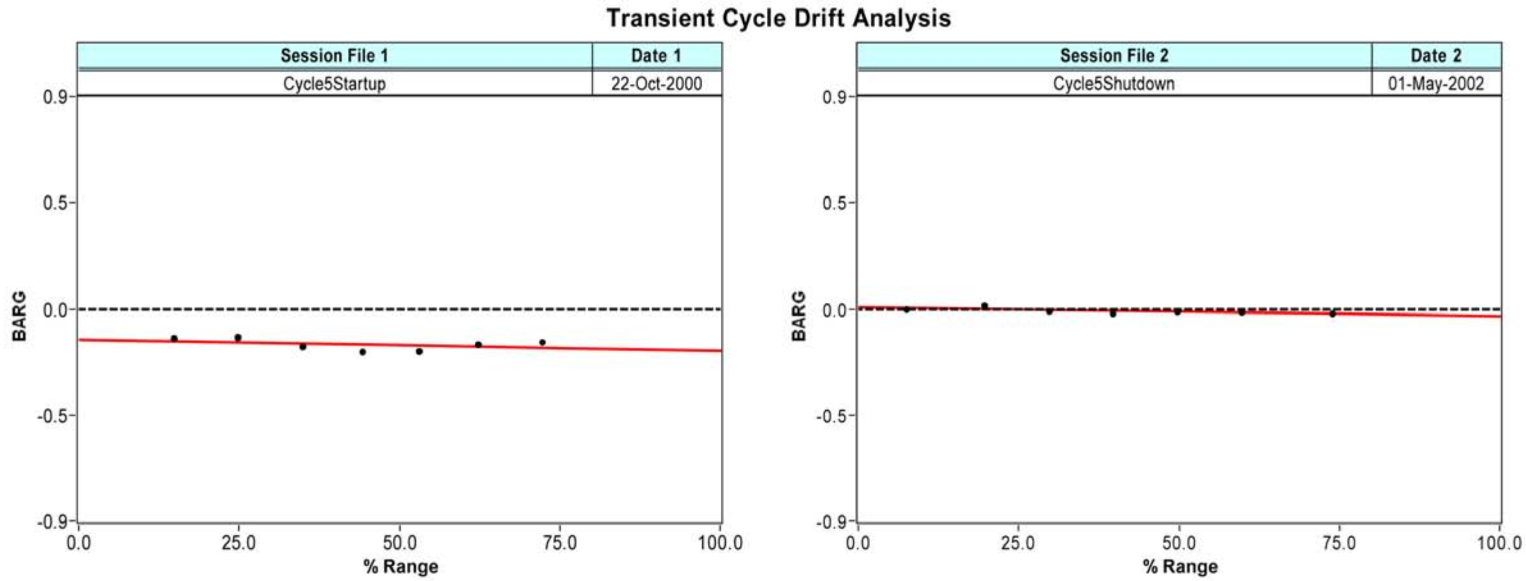


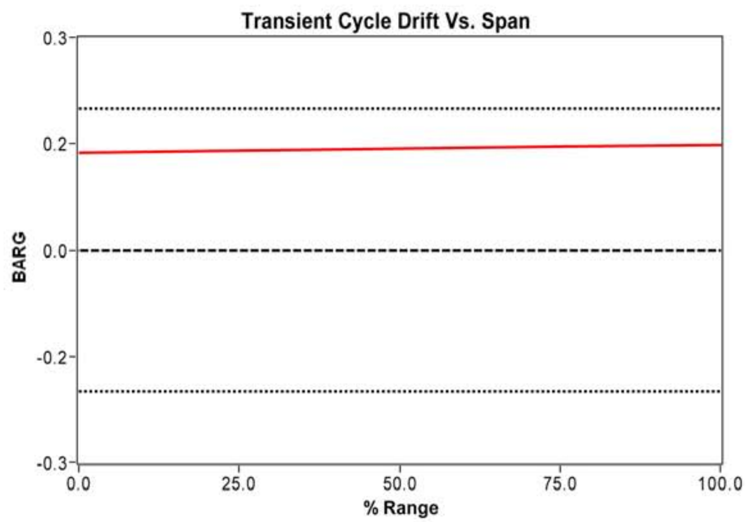
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 1				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0513-W	-0.30	-0.29	Good
	1AB-P-0514-W	-0.15	0.01	Good
	1AB-P-0515-W	-0.19	-0.34	Good
	1AB-P-0516-W	0.13	-0.32	Good
	1AB-P-0177-W	-0.09	-0.19	Good
	1AB-P-0174-W	0.14	0.15	Good
	1AB-P-0175-W	0.06	0.89	Bad
	1AB-P-0137-W	0.18	0.17	Good
	1AB-P-0138-W	0.46	-0.02	Bad

* = Recalibrated Between Date 1 and Date 2

Figure A-47
Main Steam Pressure Loop 1 (1AB-P-0177-W) Transient Drift Analysis: Cycle 5





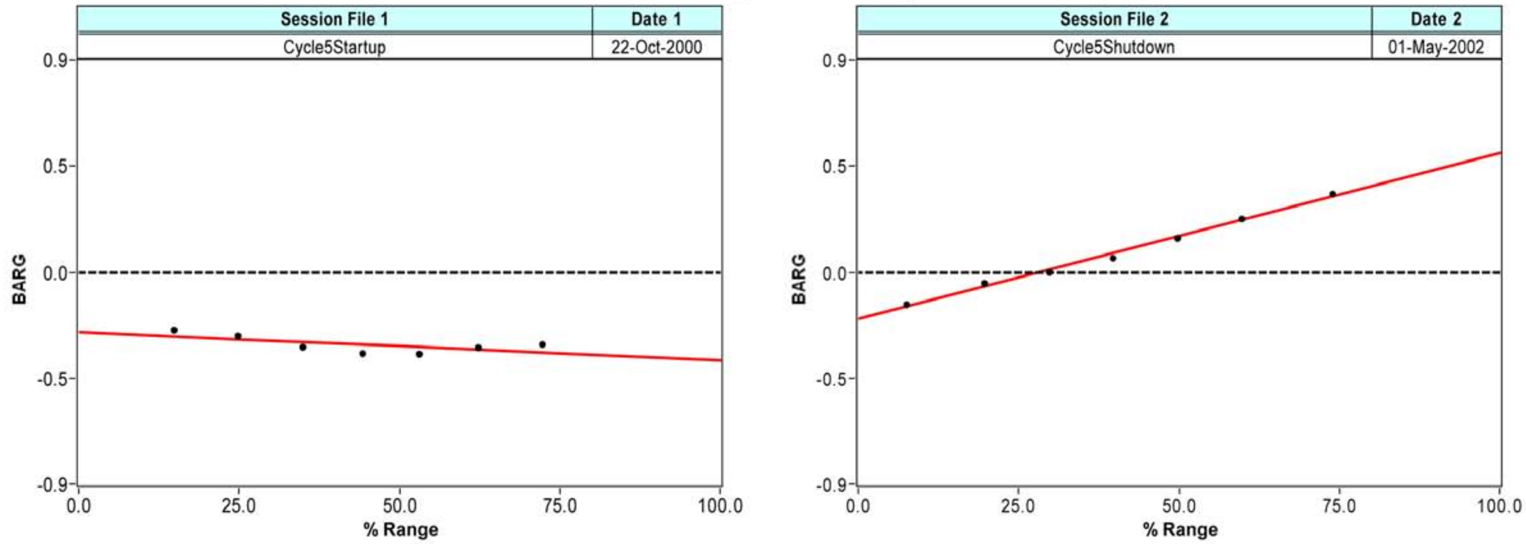
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 1				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0513-W	-0.30	-0.29	Good
	1AB-P-0514-W	-0.15	0.01	Good
	1AB-P-0515-W	-0.19	-0.34	Good
	1AB-P-0516-W	0.13	-0.32	Good
	1AB-P-0177-W	-0.09	-0.19	Good
	1AB-P-0174-W	0.14	0.15	Good
	1AB-P-0175-W	0.06	0.89	Bad
	1AB-P-0137-W	0.18	0.17	Good
	1AB-P-0138-W	0.46	-0.02	Bad

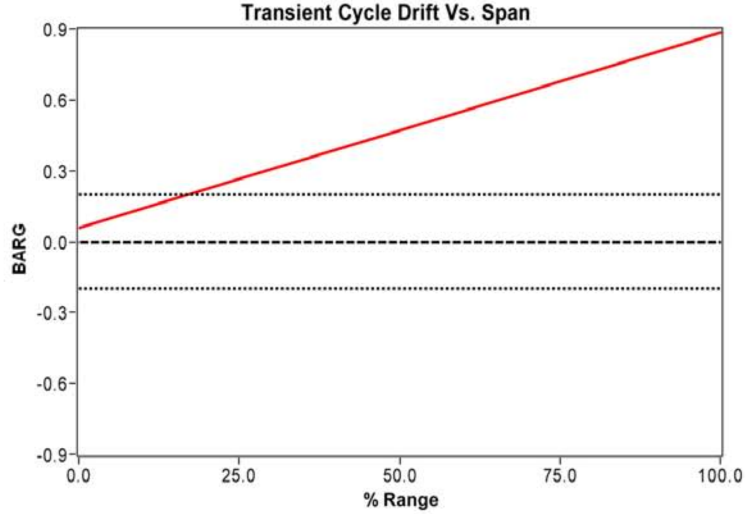
* = Recalibrated Between Date 1 and Date 2

Figure A-48
Main Steam Pressure Loop 1 (1AB-P-0174-W) Transient Drift Analysis: Cycle 5

Transient Cycle Drift Analysis



Transient Cycle Drift Vs. Span

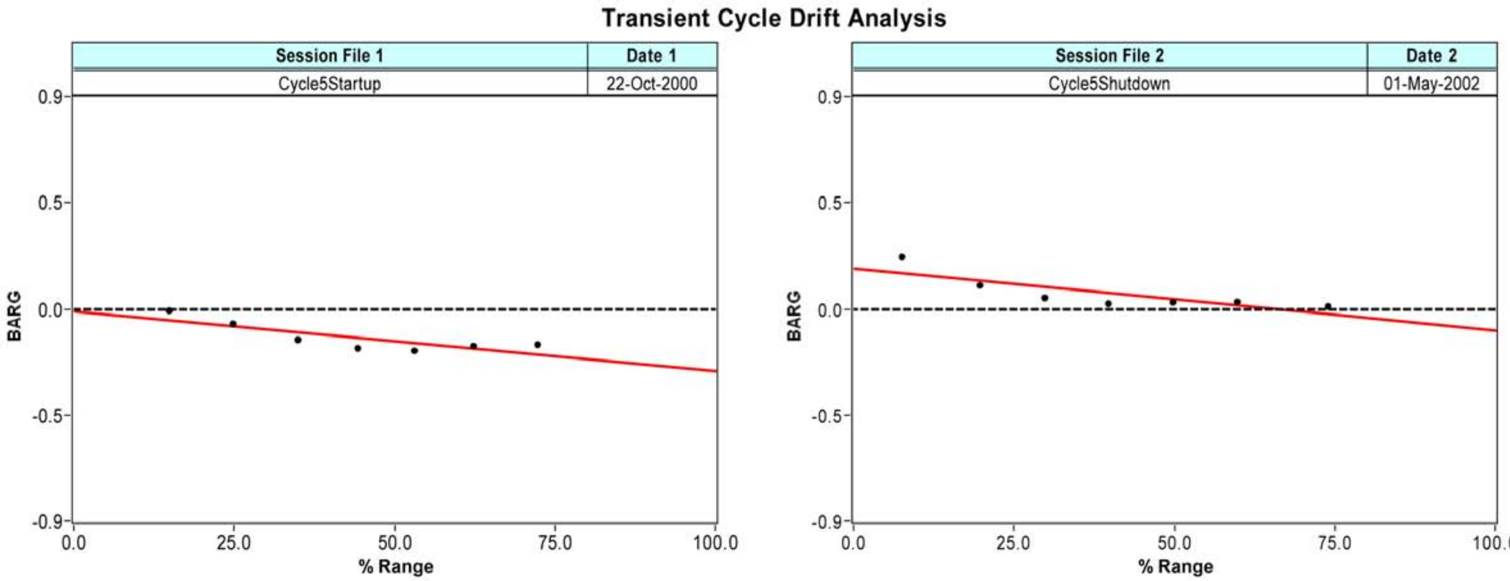


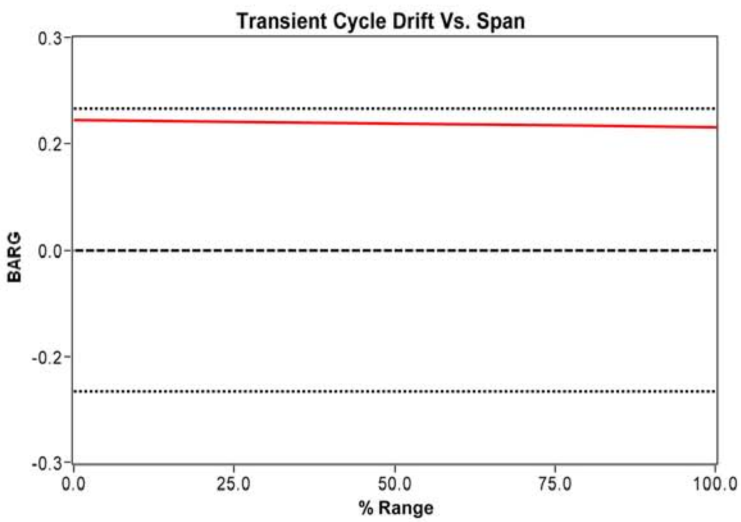
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 1				
	Tag ID	**Zero Drift**	**Span Drift**	**Result**
	1AB-P-0513-W	-0.30	-0.29	Good
	1AB-P-0514-W	-0.15	0.01	Good
	1AB-P-0515-W	-0.19	-0.34	Good
	1AB-P-0516-W	0.13	-0.32	Good
	1AB-P-0177-W	-0.09	-0.19	Good
	1AB-P-0174-W	0.14	0.15	Good
	1AB-P-0175-W	0.06	0.89	Bad
	1AB-P-0137-W	0.18	0.17	Good
	1AB-P-0138-W	0.46	-0.02	Bad

* = Recalibrated Between Date 1 and Date 2

Figure A-49
Main Steam Pressure Loop 1 (1AB-P-0175-W) Transient Drift Analysis: Cycle 5



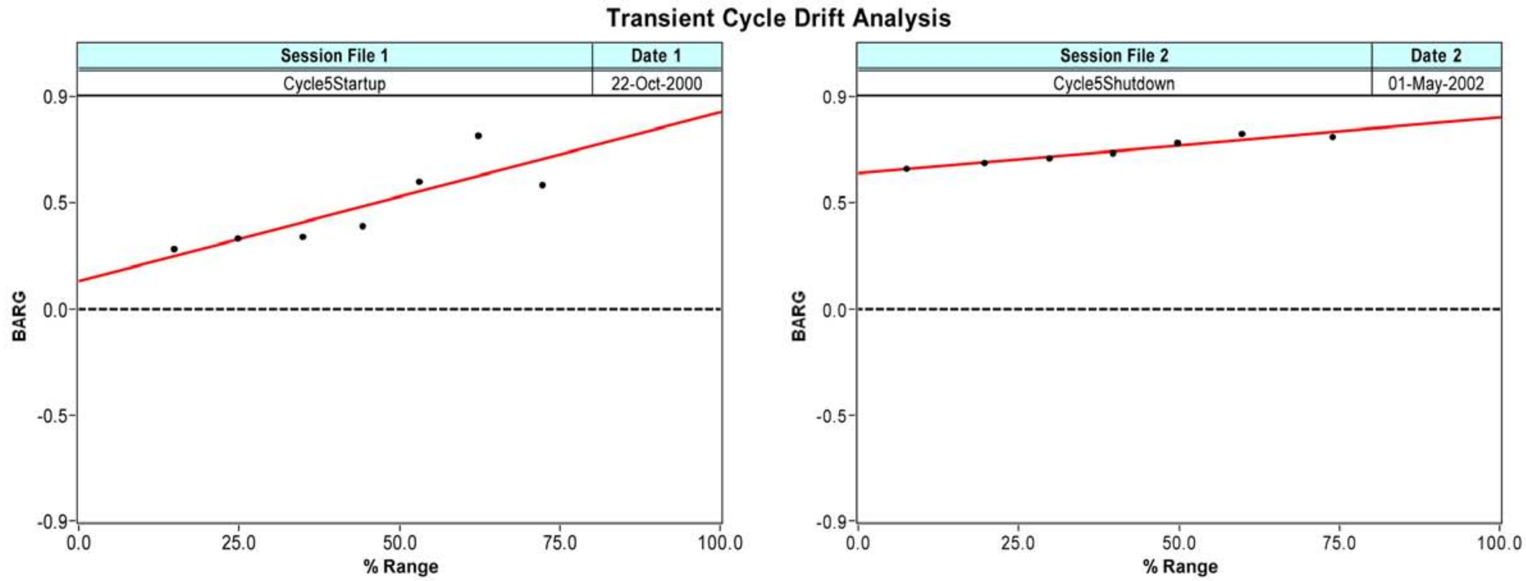


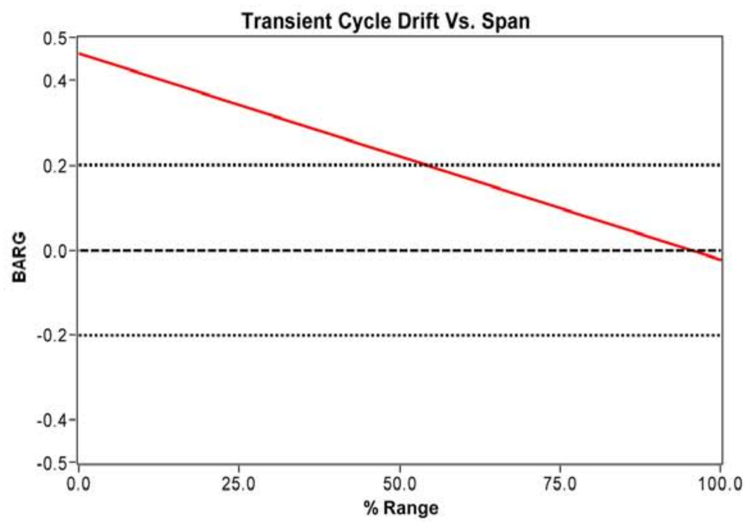
Analysis Information

	Tag ID	Zero Drift	Span Drift	Result
Group				
MAIN STEAM PRESSURE LOOP 1				
	1AB-P-0513-W	-0.30	-0.29	Good
	1AB-P-0514-W	-0.15	0.01	Good
	1AB-P-0515-W	-0.19	-0.34	Good
	1AB-P-0516-W	0.13	-0.32	Good
	1AB-P-0177-W	-0.09	-0.19	Good
	1AB-P-0174-W	0.14	0.15	Good
	1AB-P-0175-W	0.06	0.89	Bad
	1AB-P-0137-W	0.18	0.17	Good
	1AB-P-0138-W	0.46	-0.02	Bad

* = Recalibrated Between Date 1 and Date 2

Figure A-50
Main Steam Pressure Loop 1 (1AB-P-0137-W) Transient Drift Analysis: Cycle 5



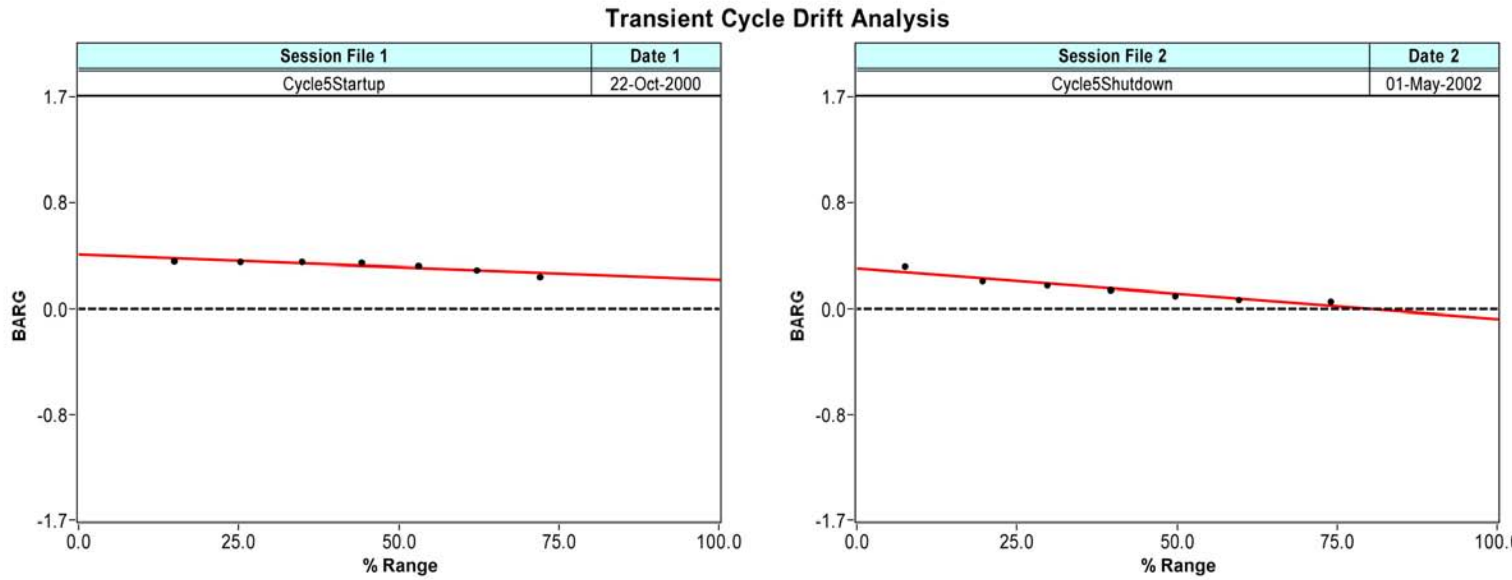


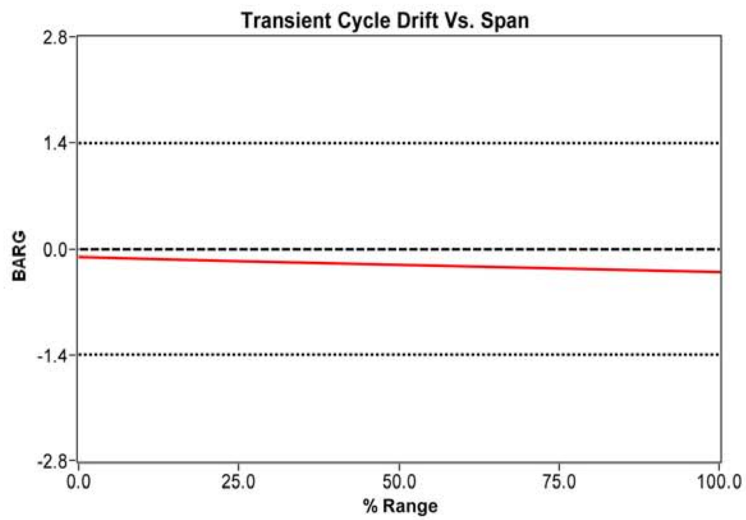
Analysis Information

	Tag ID	Zero Drift	Span Drift	Result
Group				
MAIN STEAM PRESSURE LOOP 1				
	1AB-P-0513-W	-0.30	-0.29	Good
	1AB-P-0514-W	-0.15	0.01	Good
	1AB-P-0515-W	-0.19	-0.34	Good
	1AB-P-0516-W	0.13	-0.32	Good
	1AB-P-0177-W	-0.09	-0.19	Good
	1AB-P-0174-W	0.14	0.15	Good
	1AB-P-0175-W	0.06	0.89	Bad
	1AB-P-0137-W	0.18	0.17	Good
	1AB-P-0138-W	0.46	-0.02	Bad

* = Recalibrated Between Date 1 and Date 2

Figure A-51
Main Steam Pressure Loop 1 (1AB-P-0138-W) Transient Drift Analysis: Cycle 5





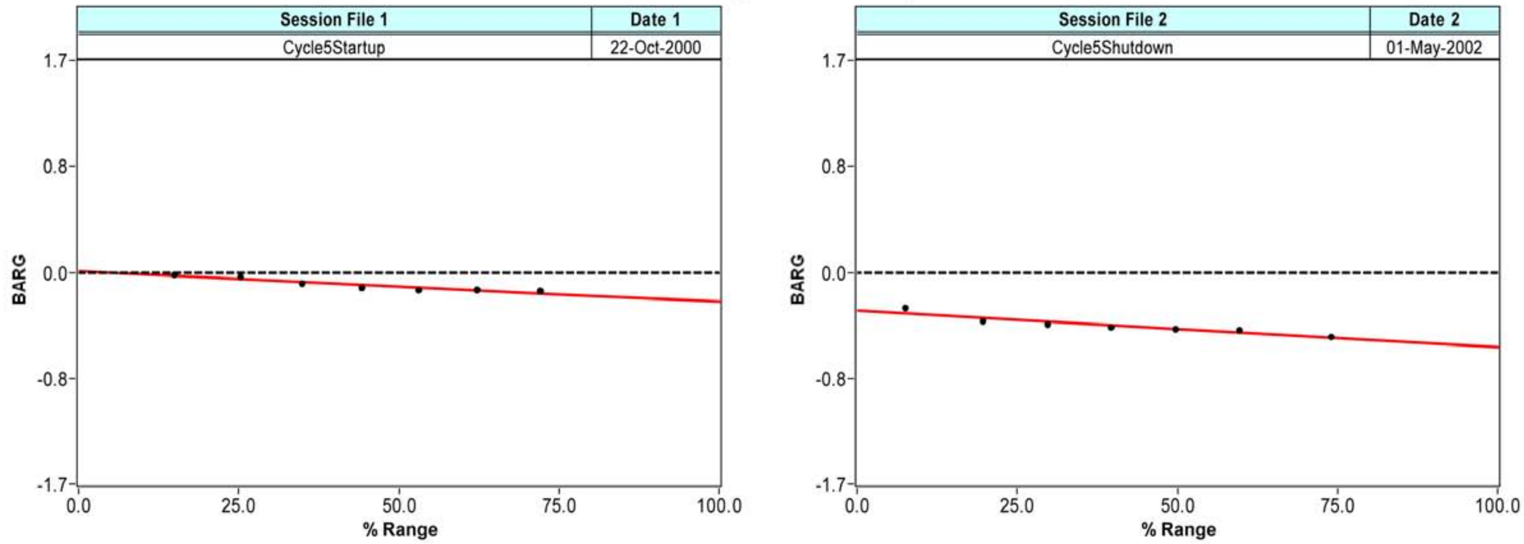
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 2				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0523-W	-0.11	-0.31	Good
	1AB-P-0524-W	-0.31	-0.36	Good
	1AB-P-0525-W	-0.22	-0.48	Good
	1AB-P-0526-W	0.09	0.17	Good
	1AB-P-0277-W	-0.07	-0.13	Good
	1AB-P-0275-W	-0.03	0.07	Good
	1AB-P-0274-W	0.81	3.21	Bad
	1AB-P-0237-W	0.04	0.20	Good
	1AB-P-0238-W	0.01	0.09	Good

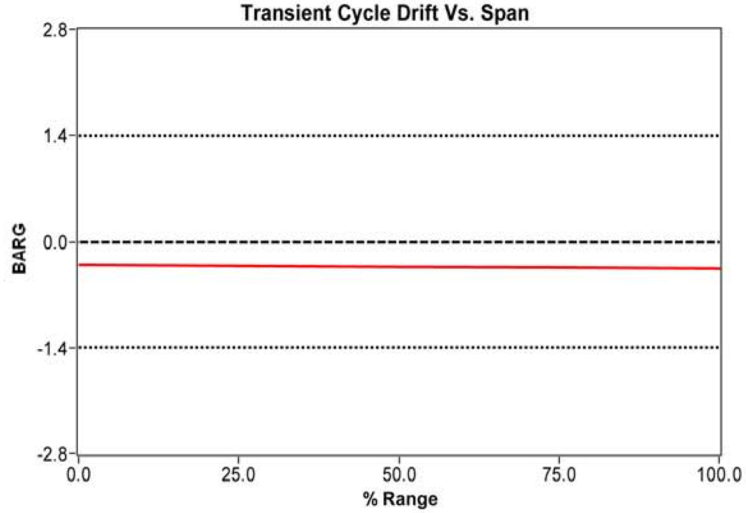
* = Recalibrated Between Date 1 and Date 2

Figure A-52
Main Steam Pressure Loop 2 (1AB-P-0523-W) Transient Drift Analysis: Cycle 5

Transient Cycle Drift Analysis



Transient Cycle Drift Vs. Span

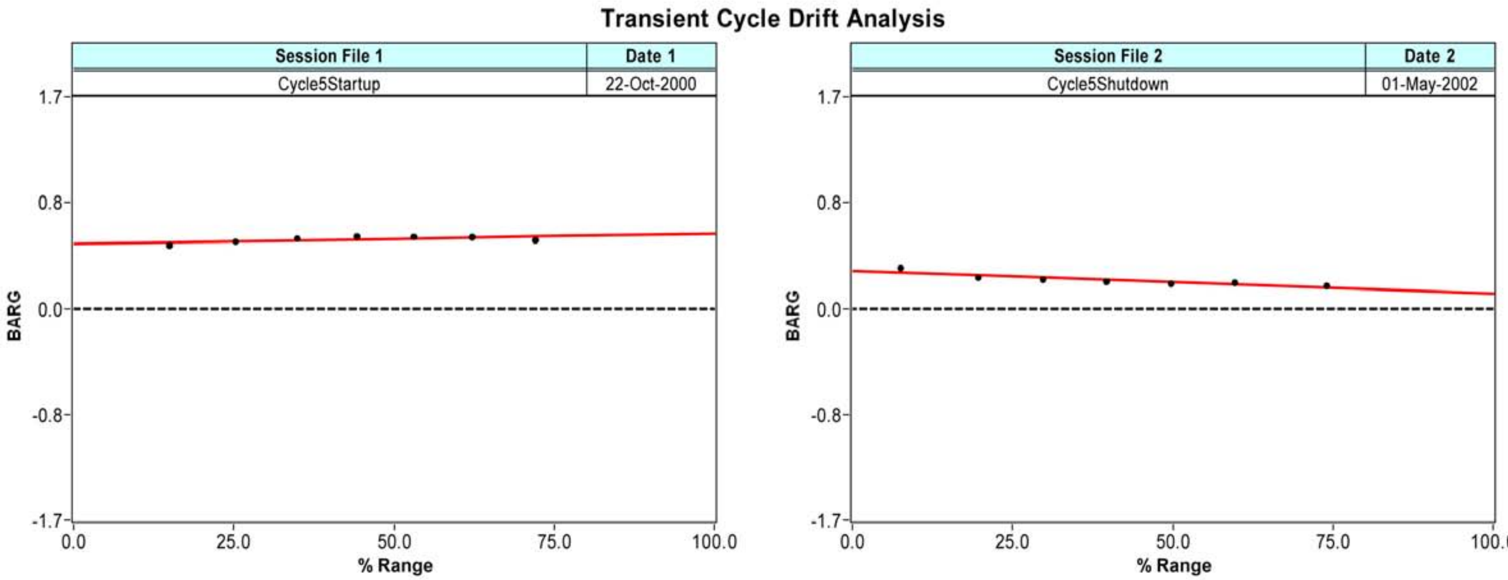


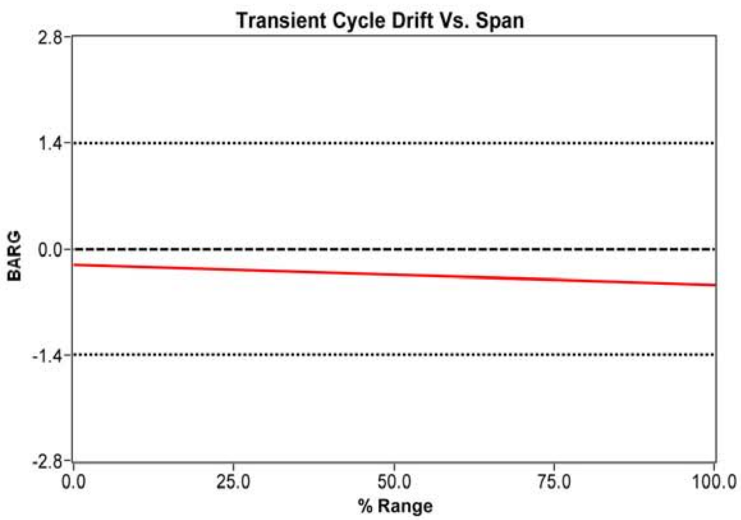
Analysis Information

	Tag ID	Zero Drift	Span Drift	Result
Group				
MAIN STEAM PRESSURE LOOP 2				
	1AB-P-0523-W	-0.11	-0.31	Good
	1AB-P-0524-W	-0.31	-0.36	Good
	1AB-P-0525-W	-0.22	-0.48	Good
	1AB-P-0526-W	0.09	0.17	Good
	1AB-P-0277-W	-0.07	-0.13	Good
	1AB-P-0275-W	-0.03	0.07	Good
	1AB-P-0274-W	0.81	3.21	Bad
	1AB-P-0237-W	0.04	0.20	Good
	1AB-P-0238-W	0.01	0.09	Good

* = Recalibrated Between Date 1 and Date 2

Figure A-53
Main Steam Pressure Loop 2 (1AB-P-0524-W) Transient Drift Analysis: Cycle 5



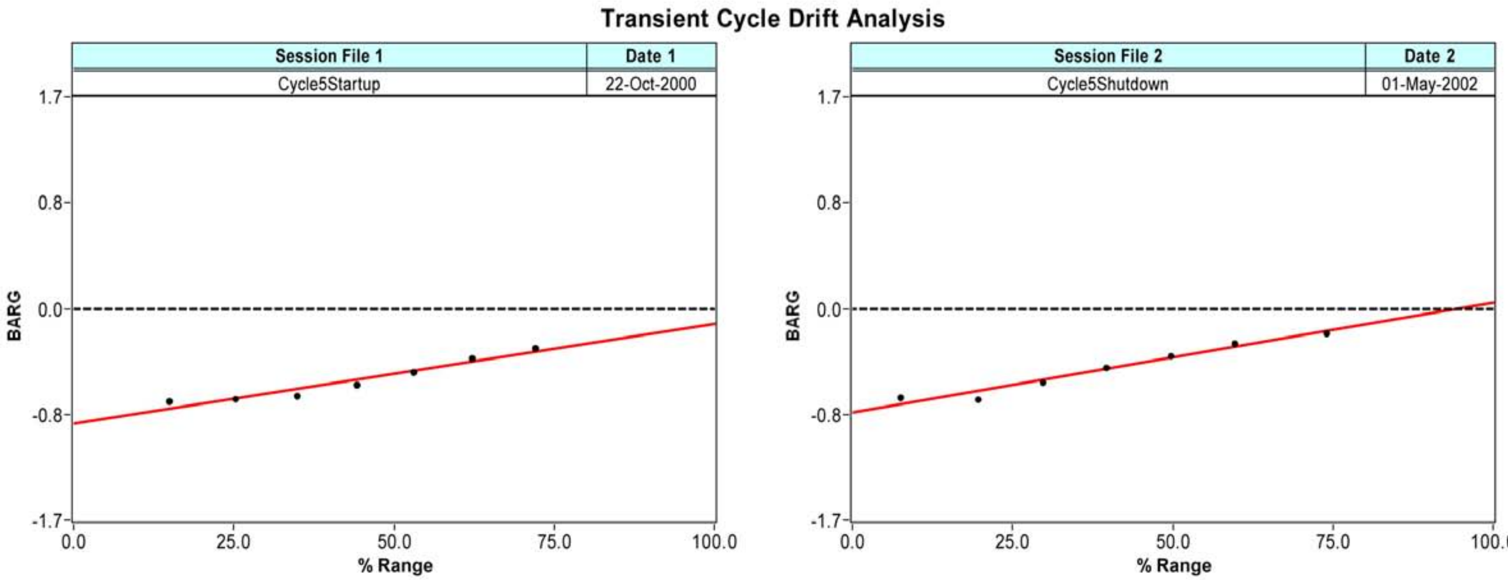


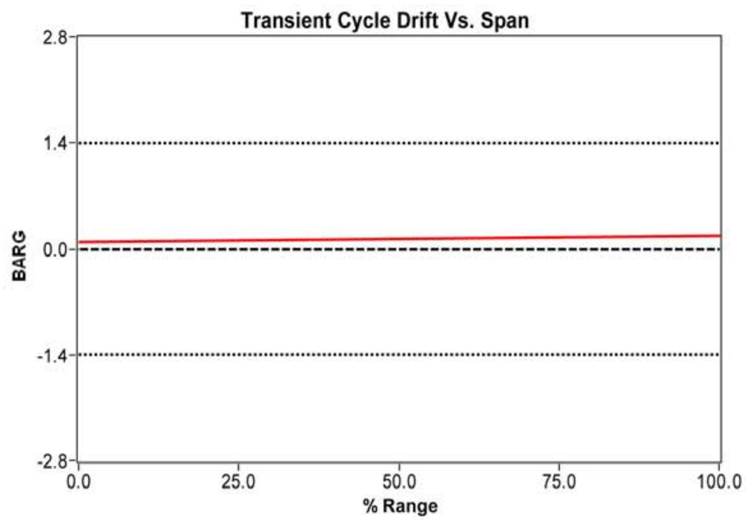
Analysis Information

	Group			
	MAIN STEAM PRESSURE LOOP 2			
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0523-W	-0.11	-0.31	Good
	1AB-P-0524-W	-0.31	-0.36	Good
	1AB-P-0525-W	-0.22	-0.48	Good
	1AB-P-0526-W	0.09	0.17	Good
	1AB-P-0277-W	-0.07	-0.13	Good
	1AB-P-0275-W	-0.03	0.07	Good
	1AB-P-0274-W	0.81	3.21	Bad
	1AB-P-0237-W	0.04	0.20	Good
	1AB-P-0238-W	0.01	0.09	Good

* = Recalibrated Between Date 1 and Date 2

Figure A-54
Main Steam Pressure Loop 2 (1AB-P-0525-W) Transient Drift Analysis: Cycle 5





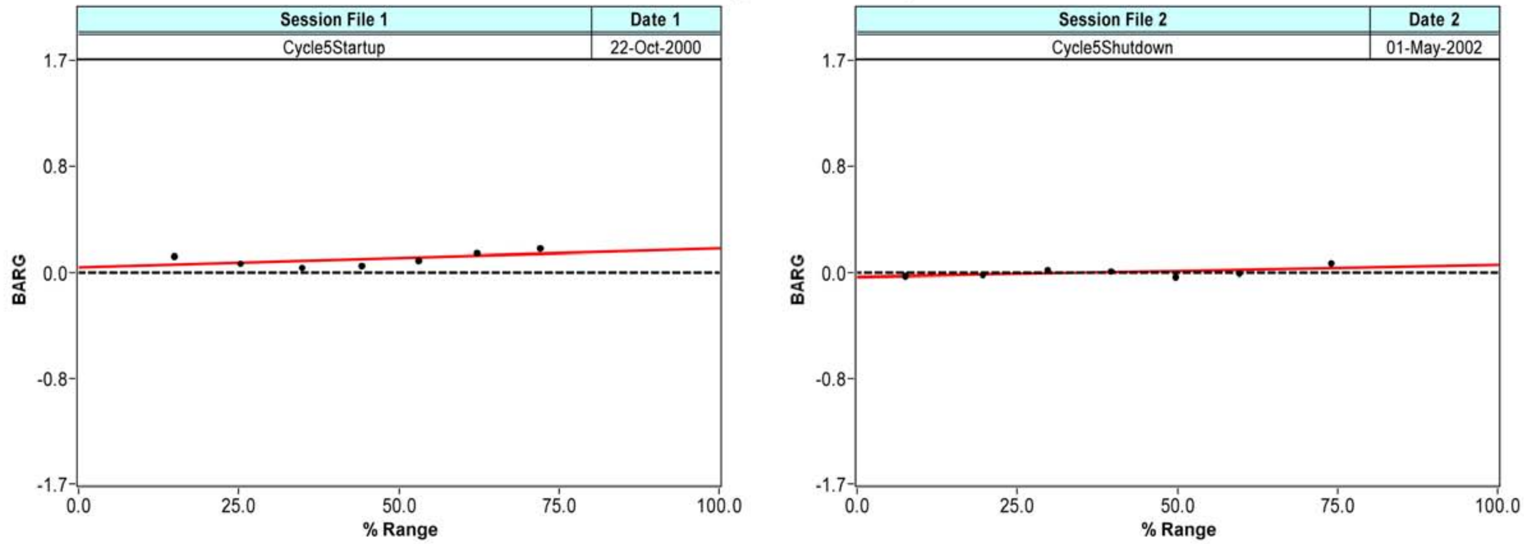
Analysis Information

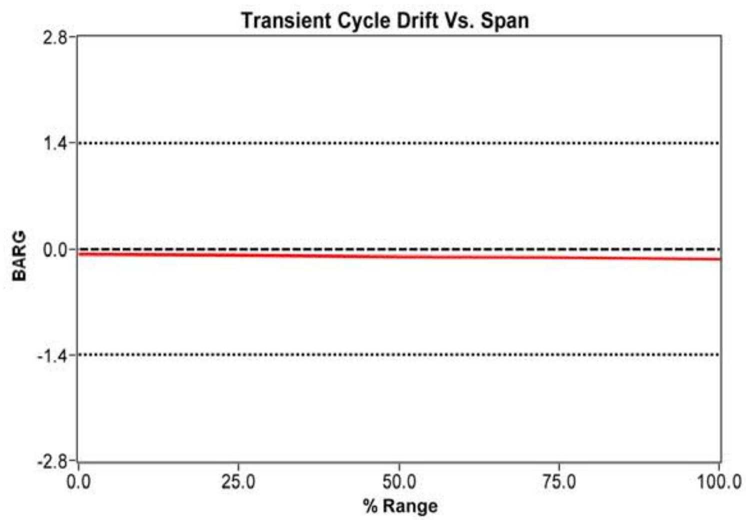
Group				
MAIN STEAM PRESSURE LOOP 2				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0523-W	-0.11	-0.31	Good
	1AB-P-0524-W	-0.31	-0.36	Good
	1AB-P-0525-W	-0.22	-0.48	Good
	1AB-P-0526-W	0.09	0.17	Good
	1AB-P-0277-W	-0.07	-0.13	Good
	1AB-P-0275-W	-0.03	0.07	Good
	1AB-P-0274-W	0.81	3.21	Bad
	1AB-P-0237-W	0.04	0.20	Good
	1AB-P-0238-W	0.01	0.09	Good

* = Recalibrated Between Date 1 and Date 2

Figure A-55
Main Steam Pressure Loop 2 (1AB-P-0526-W) Transient Drift Analysis: Cycle 5

Transient Cycle Drift Analysis



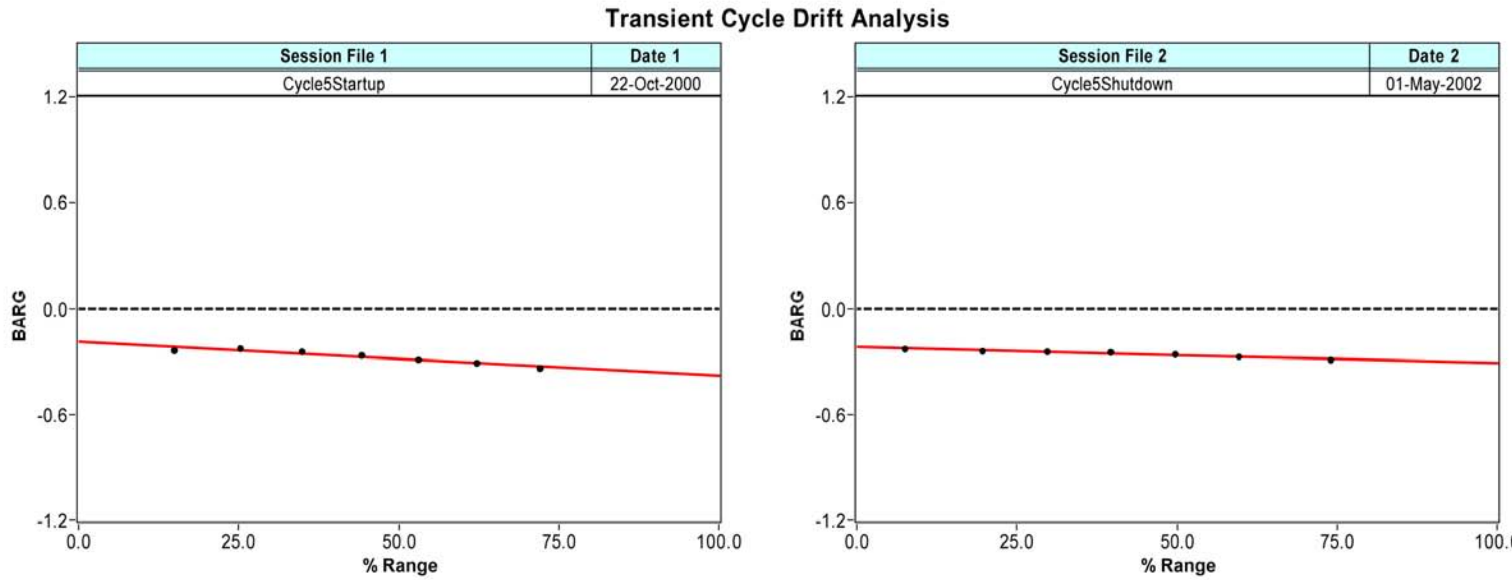


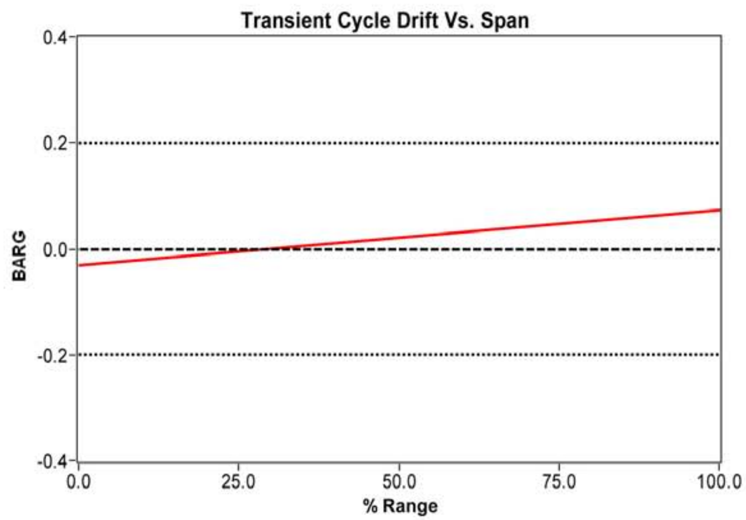
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 2				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0523-W	-0.11	-0.31	Good
	1AB-P-0524-W	-0.31	-0.36	Good
	1AB-P-0525-W	-0.22	-0.48	Good
	1AB-P-0526-W	0.09	0.17	Good
	1AB-P-0277-W	-0.07	-0.13	Good
	1AB-P-0275-W	-0.03	0.07	Good
	1AB-P-0274-W	0.81	3.21	Bad
	1AB-P-0237-W	0.04	0.20	Good
	1AB-P-0238-W	0.01	0.09	Good

* = Recalibrated Between Date 1 and Date 2

Figure A-56
Main Steam Pressure Loop 2 (1AB-P-0277-W) Transient Drift Analysis: Cycle 5





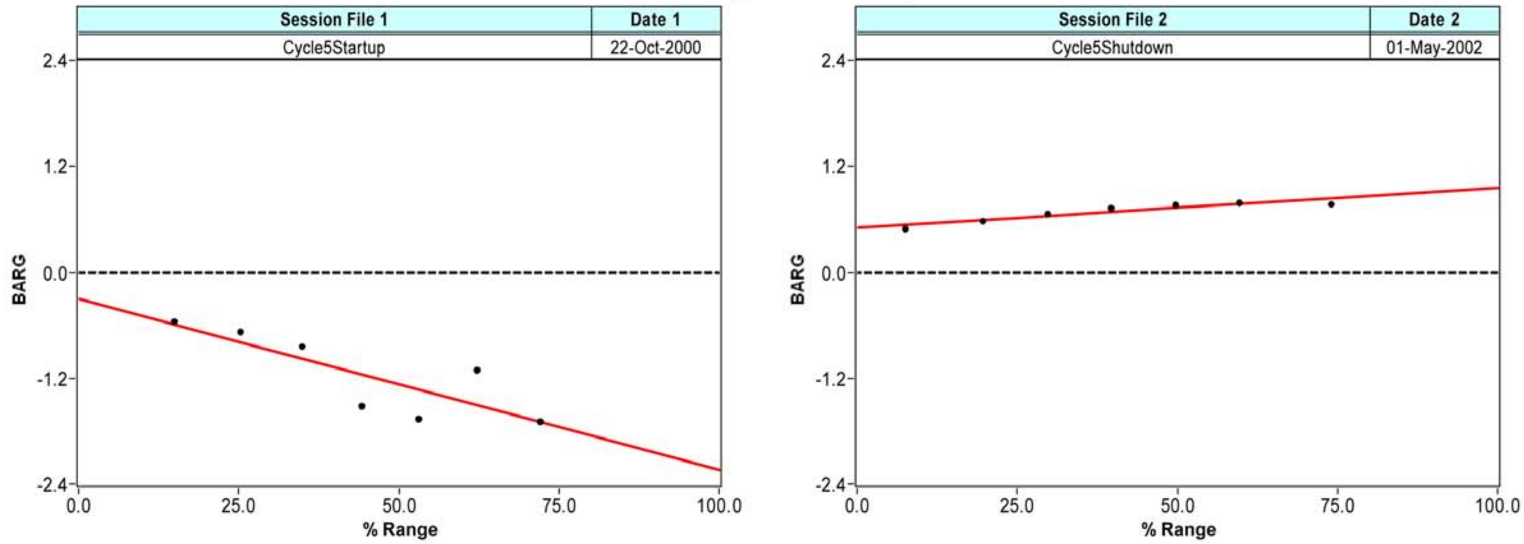
Analysis Information

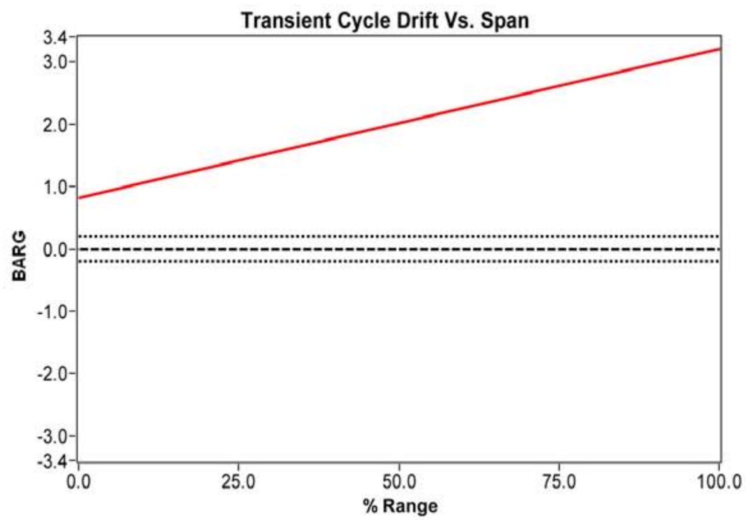
	Tag ID	Zero Drift	Span Drift	Result
Group: MAIN STEAM PRESSURE LOOP 2				
	1AB-P-0523-W	-0.11	-0.31	Good
	1AB-P-0524-W	-0.31	-0.36	Good
	1AB-P-0525-W	-0.22	-0.48	Good
	1AB-P-0526-W	0.09	0.17	Good
	1AB-P-0277-W	-0.07	-0.13	Good
	1AB-P-0275-W	-0.03	0.07	Good
	1AB-P-0274-W	0.81	3.21	Bad
	1AB-P-0237-W	0.04	0.20	Good
	1AB-P-0238-W	0.01	0.09	Good

* = Recalibrated Between Date 1 and Date 2

Figure A-57
Main Steam Pressure Loop 2 (1AB-P-0275-W) Transient Drift Analysis: Cycle 5

Transient Cycle Drift Analysis





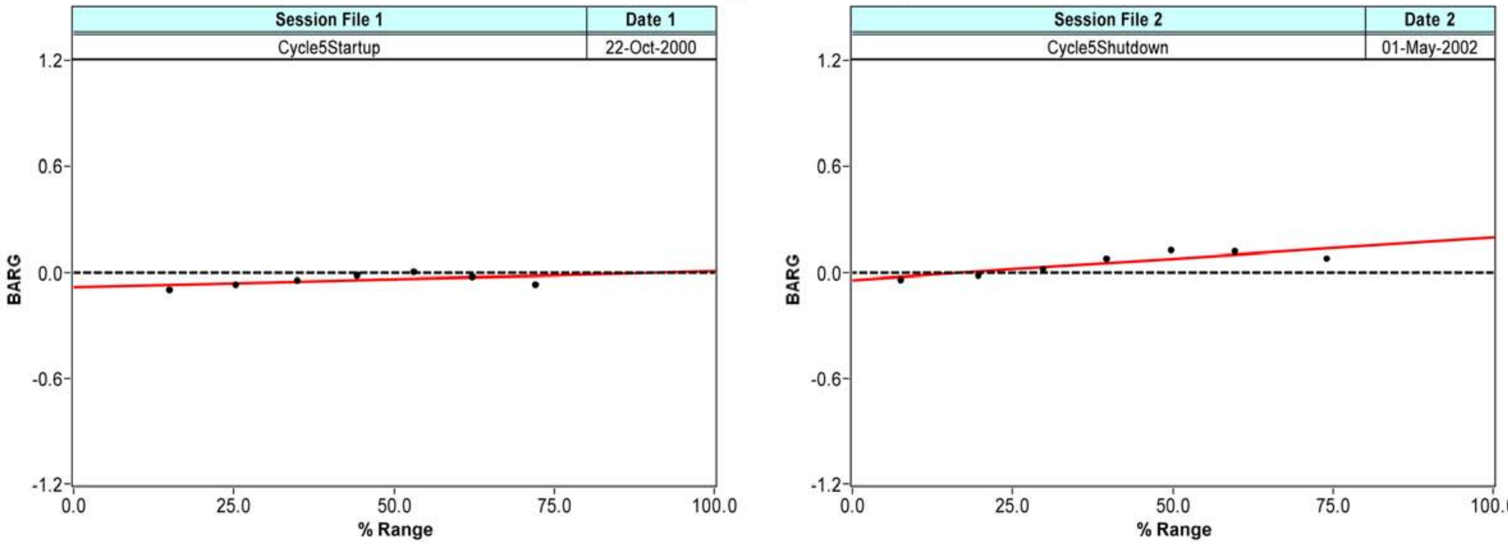
Analysis Information

	Tag ID	Zero Drift	Span Drift	Result
Group				
MAIN STEAM PRESSURE LOOP 2				
	1AB-P-0523-W	-0.11	-0.31	Good
	1AB-P-0524-W	-0.31	-0.36	Good
	1AB-P-0525-W	-0.22	-0.48	Good
	1AB-P-0526-W	0.09	0.17	Good
	1AB-P-0277-W	-0.07	-0.13	Good
	1AB-P-0275-W	-0.03	0.07	Good
	1AB-P-0274-W	0.81	3.21	Bad
	1AB-P-0237-W	0.04	0.20	Good
	1AB-P-0238-W	0.01	0.09	Good

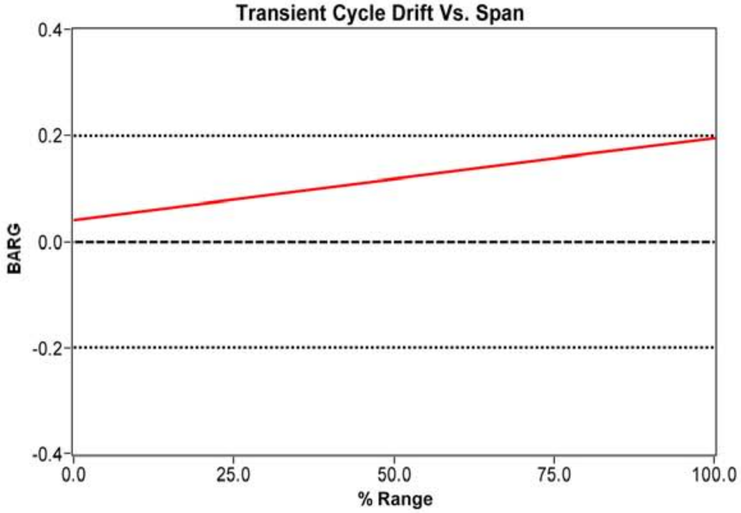
* = Recalibrated Between Date 1 and Date 2

Figure A-58
Main Steam Pressure Loop 2 (1AB-P-0274-W) Transient Drift Analysis: Cycle 5

Transient Cycle Drift Analysis



Transient Cycle Drift Vs. Span

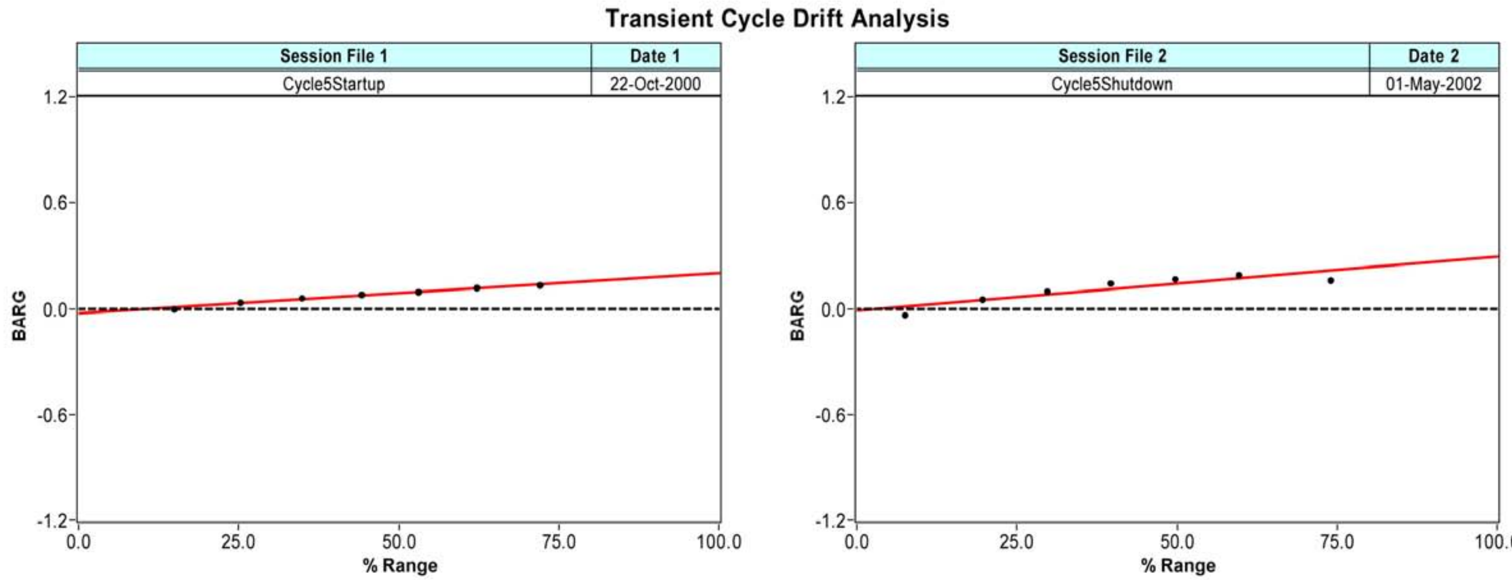


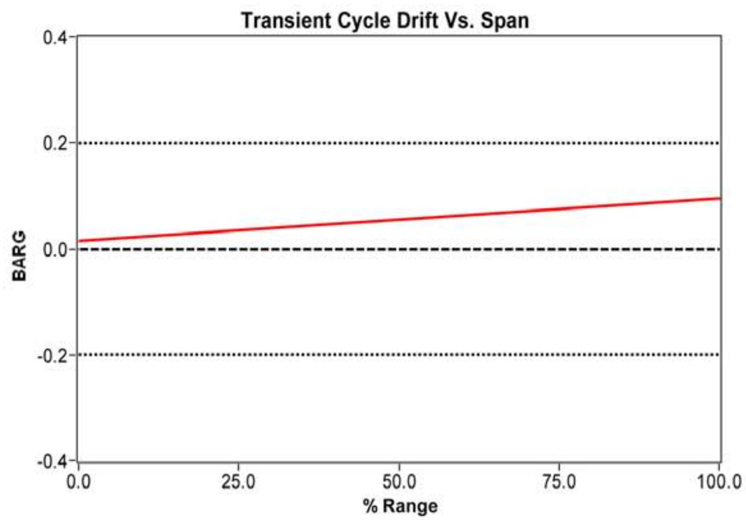
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 2				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0523-W	-0.11	-0.31	Good
	1AB-P-0524-W	-0.31	-0.36	Good
	1AB-P-0525-W	-0.22	-0.48	Good
	1AB-P-0526-W	0.09	0.17	Good
	1AB-P-0277-W	-0.07	-0.13	Good
	1AB-P-0275-W	-0.03	0.07	Good
	1AB-P-0274-W	0.81	3.21	Bad
	1AB-P-0237-W	0.04	0.20	Good
	1AB-P-0238-W	0.01	0.09	Good

* = Recalibrated Between Date 1 and Date 2

Figure A-59
Main Steam Pressure Loop 2 (1AB-P-0237-W) Transient Drift Analysis: Cycle 5



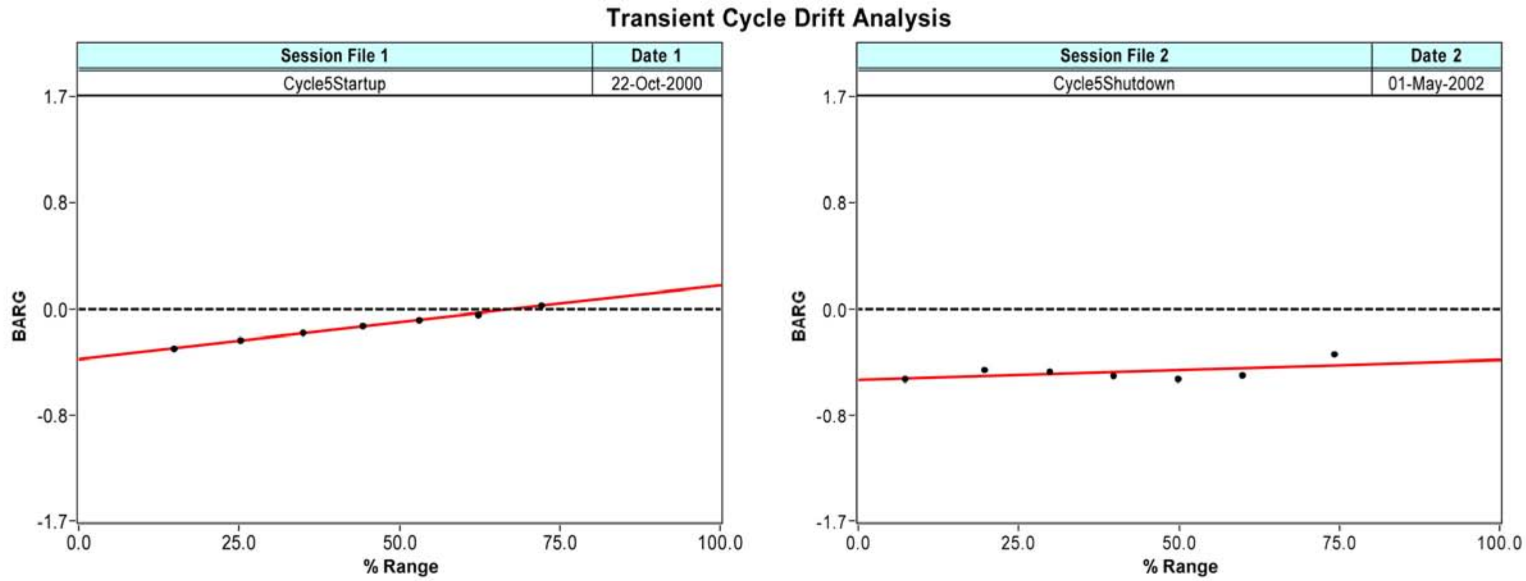


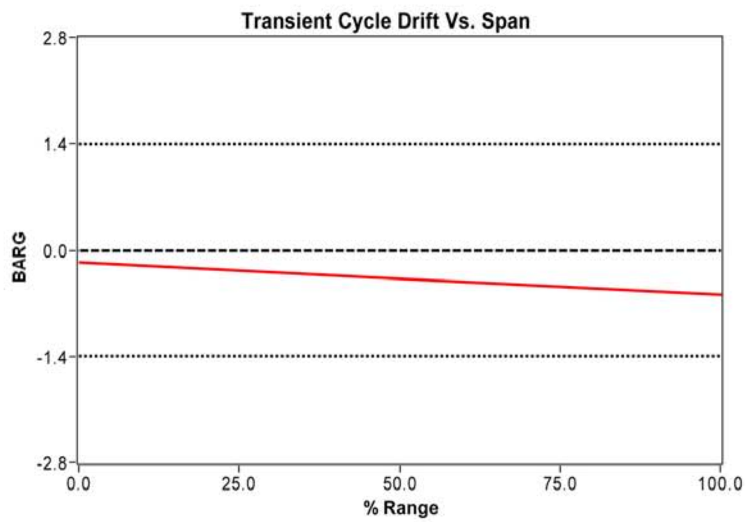
Analysis Information

	Tag ID	Zero Drift	Span Drift	Result
Group: MAIN STEAM PRESSURE LOOP 2				
	1AB-P-0523-W	-0.11	-0.31	Good
	1AB-P-0524-W	-0.31	-0.36	Good
	1AB-P-0525-W	-0.22	-0.48	Good
	1AB-P-0526-W	0.09	0.17	Good
	1AB-P-0277-W	-0.07	-0.13	Good
	1AB-P-0275-W	-0.03	0.07	Good
	1AB-P-0274-W	0.81	3.21	Bad
	1AB-P-0237-W	0.04	0.20	Good
	1AB-P-0238-W	0.01	0.09	Good

* = Recalibrated Between Date 1 and Date 2

Figure A-60
Main Steam Pressure Loop 2 (1AB-P-0238-W) Transient Drift Analysis: Cycle 5





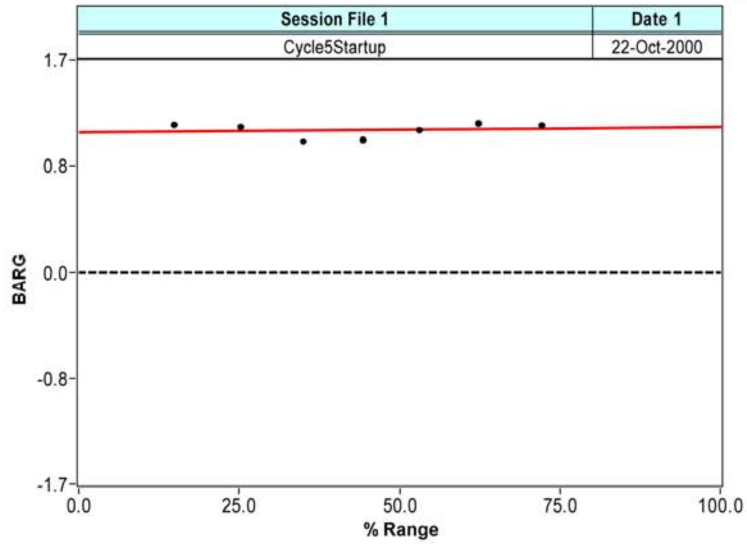
Analysis Information

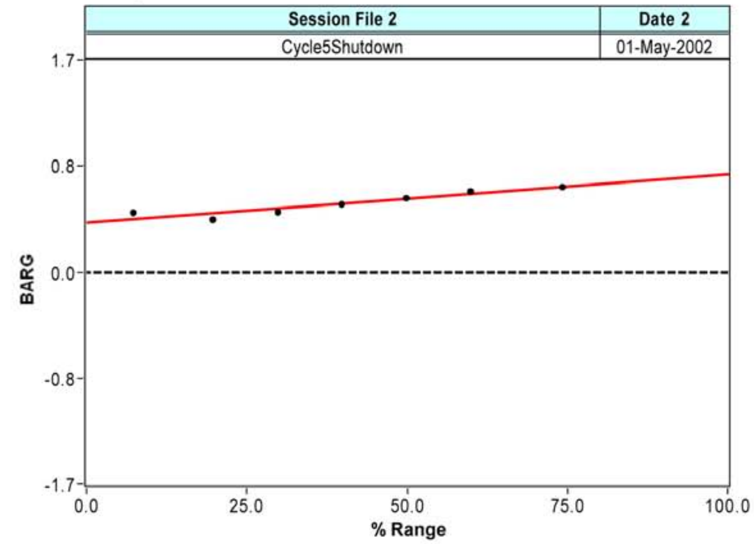
	Group			
	MAIN STEAM PRESSURE LOOP 3			
	Tag ID	Zero Drift	Span Drift	Result
✓	1AB-P-0533-W	-0.17	-0.60	Good
	1AB-P-0534-W	-0.72	-0.38	Good
	1AB-P-0535-W	-0.96	-0.91	Good
	1AB-P-0536-W	-0.15	-0.29	Good
	1AB-P-0377-W	0.12	-0.49	Good
	1AB-P-0337-W	-0.11	-0.23	Bad
	1AB-P-0338-W	0.07	0.53	Bad
	1AB-P-0375-W	-0.15	-0.21	Bad
	1AB-P-0374-W	-0.10	-0.30	Bad

* = Recalibrated Between Date 1 and Date 2

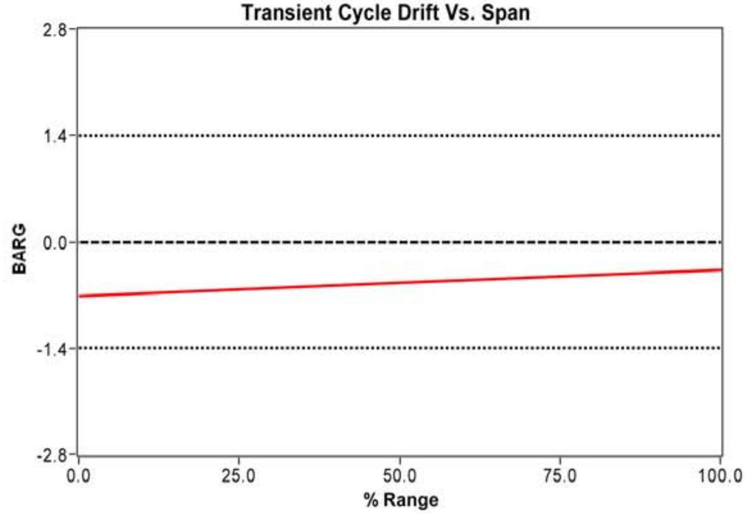
Figure A-61
Main Steam Pressure Loop 3 (1AB-P-0533-W) Transient Drift Analysis: Cycle 5

Transient Cycle Drift Analysis





Transient Cycle Drift Vs. Span



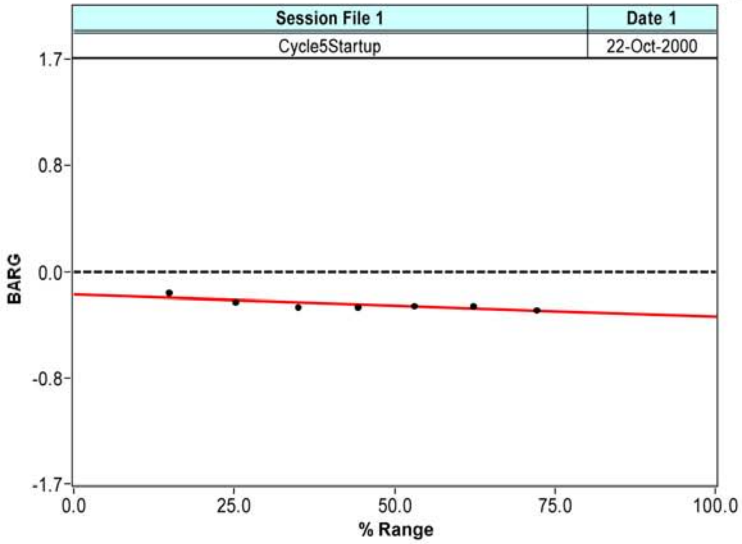
Analysis Information

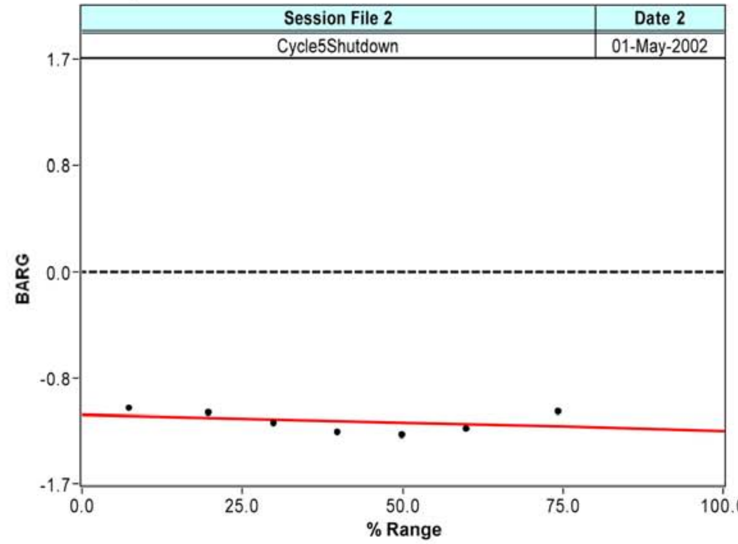
	Group			
	MAIN STEAM PRESSURE LOOP 3			
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0533-W	-0.17	-0.60	Good
	1AB-P-0534-W	-0.72	-0.38	Good
	1AB-P-0535-W	-0.96	-0.91	Good
	1AB-P-0536-W	-0.15	-0.29	Good
	1AB-P-0377-W	0.12	-0.49	Good
	1AB-P-0337-W	-0.11	-0.23	Bad
	1AB-P-0338-W	0.07	0.53	Bad
	1AB-P-0375-W	-0.15	-0.21	Bad
	1AB-P-0374-W	-0.10	-0.30	Bad

* = Recalibrated Between Date 1 and Date 2

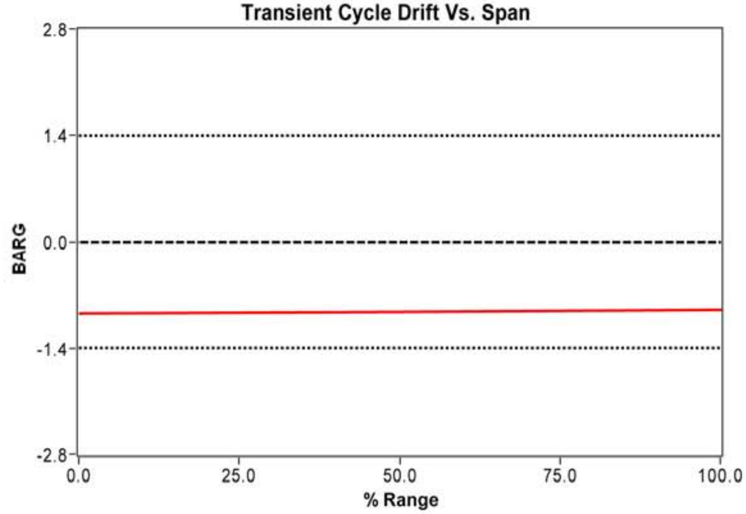
Figure A-62
Main Steam Pressure Loop 3 (1AB-P-0534-W) Transient Drift Analysis: Cycle 5

Transient Cycle Drift Analysis





Transient Cycle Drift Vs. Span



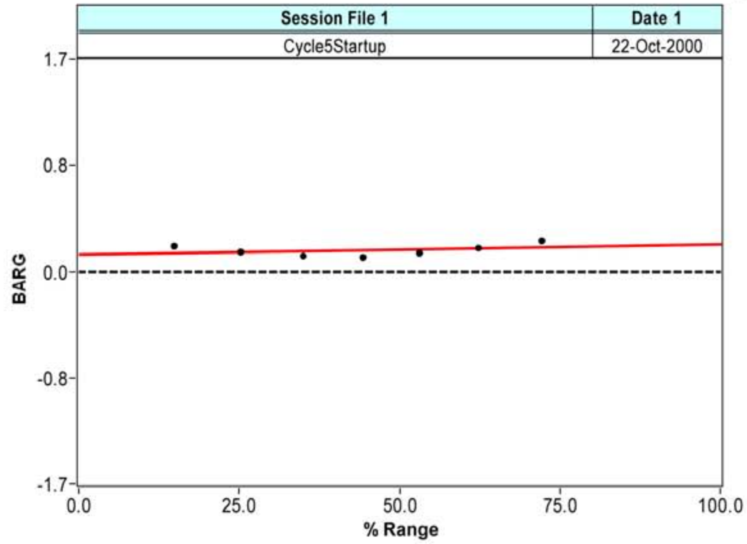
Analysis Information

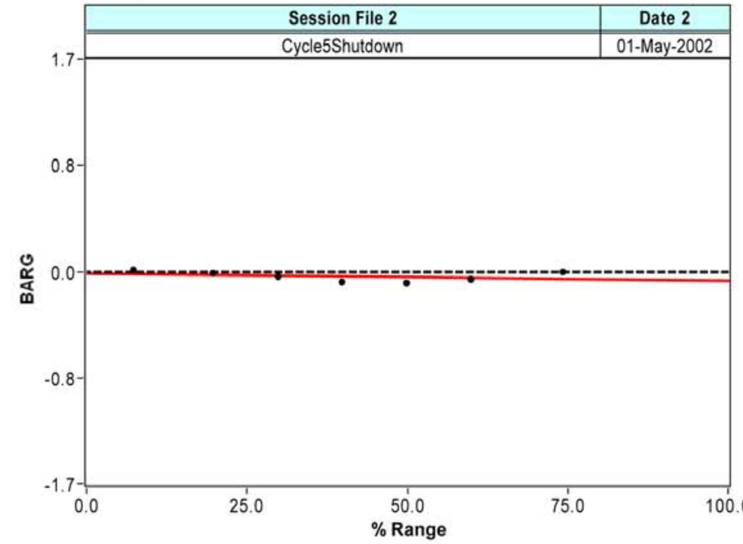
Group				
MAIN STEAM PRESSURE LOOP 3				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0533-W	-0.17	-0.60	Good
	1AB-P-0534-W	-0.72	-0.38	Good
	1AB-P-0535-W	-0.96	-0.91	Good
	1AB-P-0536-W	-0.15	-0.29	Good
	1AB-P-0377-W	0.12	-0.49	Good
	1AB-P-0337-W	-0.11	-0.23	Bad
	1AB-P-0338-W	0.07	0.53	Bad
	1AB-P-0375-W	-0.15	-0.21	Bad
	1AB-P-0374-W	-0.10	-0.30	Bad

* = Recalibrated Between Date 1 and Date 2

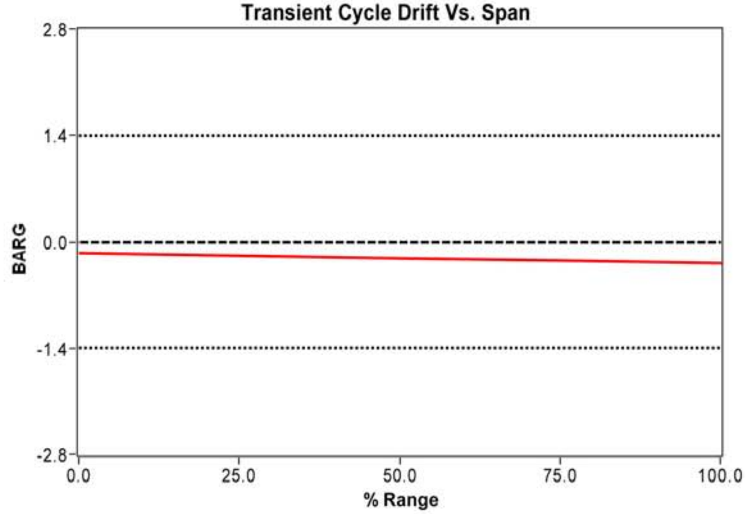
Figure A-63
Main Steam Pressure Loop 3 (1AB-P-0535-W) Transient Drift Analysis: Cycle 5

Transient Cycle Drift Analysis





Transient Cycle Drift Vs. Span

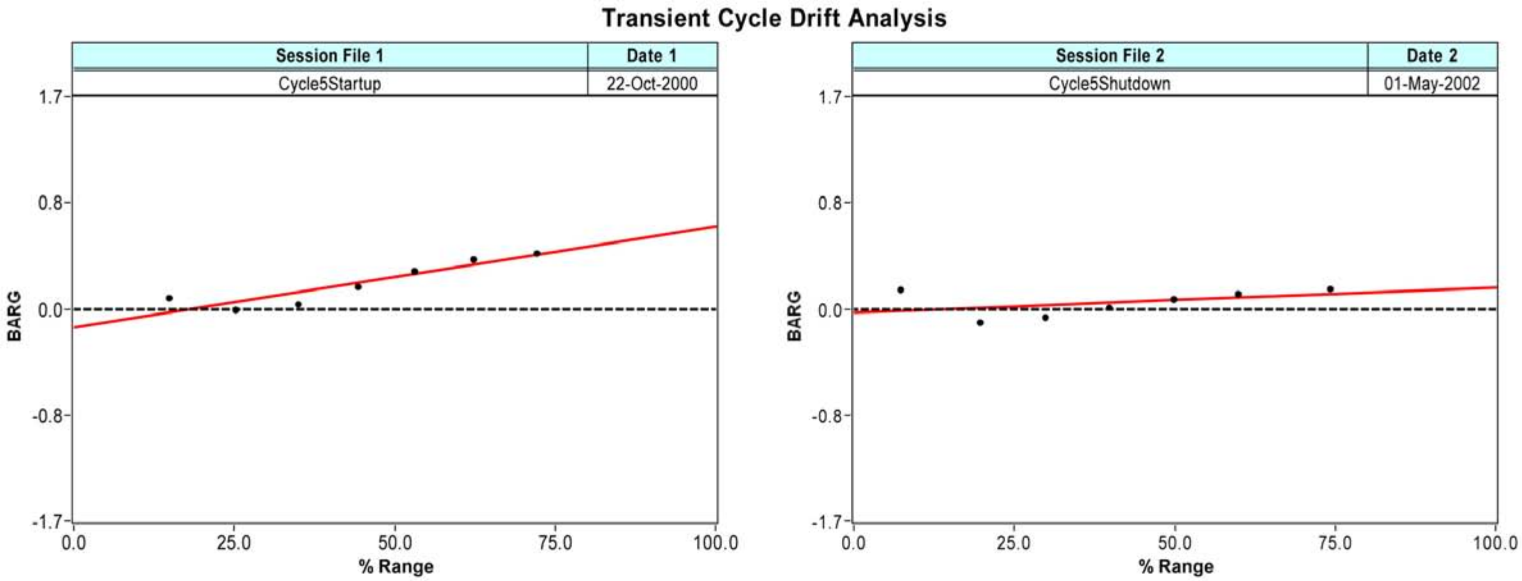


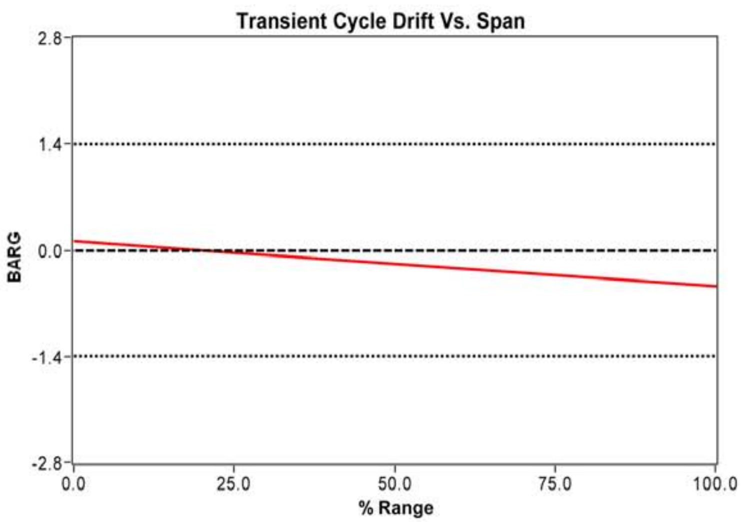
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 3				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0533-W	-0.17	-0.60	Good
	1AB-P-0534-W	-0.72	-0.38	Good
	1AB-P-0535-W	-0.96	-0.91	Good
	1AB-P-0536-W	-0.15	-0.29	Good
	1AB-P-0377-W	0.12	-0.49	Good
	1AB-P-0337-W	-0.11	-0.23	Bad
	1AB-P-0338-W	0.07	0.53	Bad
	1AB-P-0375-W	-0.15	-0.21	Bad
	1AB-P-0374-W	-0.10	-0.30	Bad

* = Recalibrated Between Date 1 and Date 2

Figure A-64
Main Steam Pressure Loop 3 (1AB-P-0536-W) Transient Drift Analysis: Cycle 5



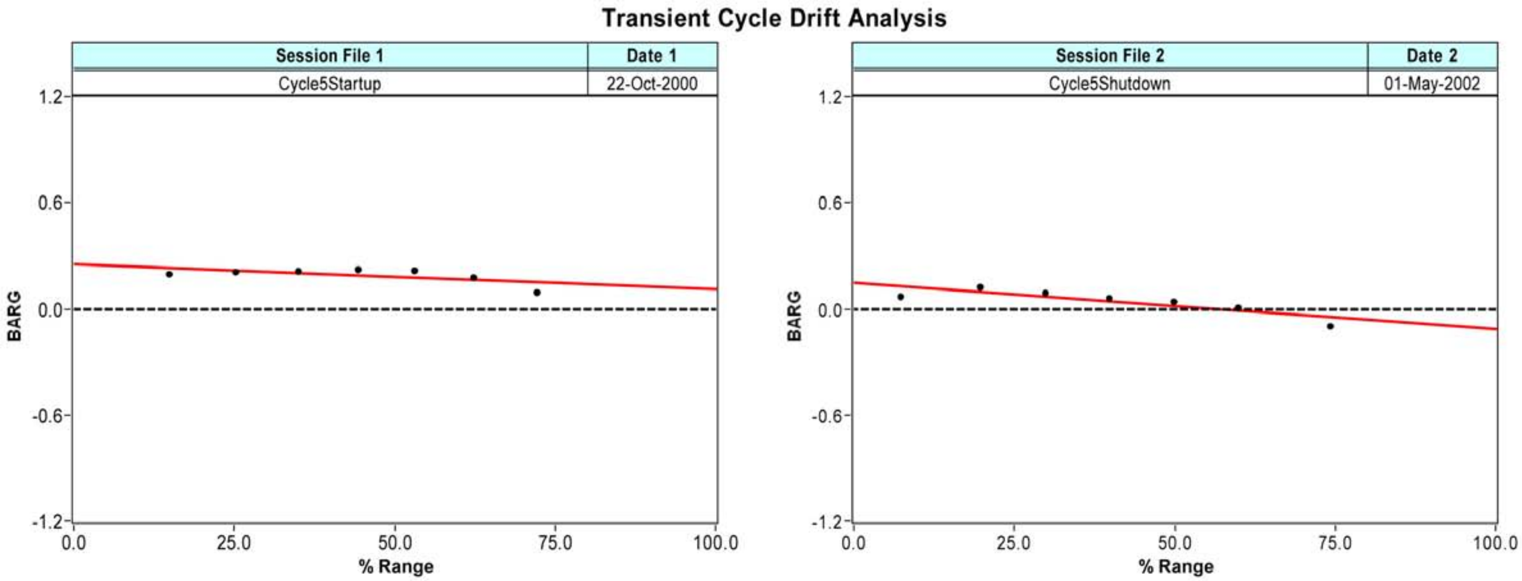


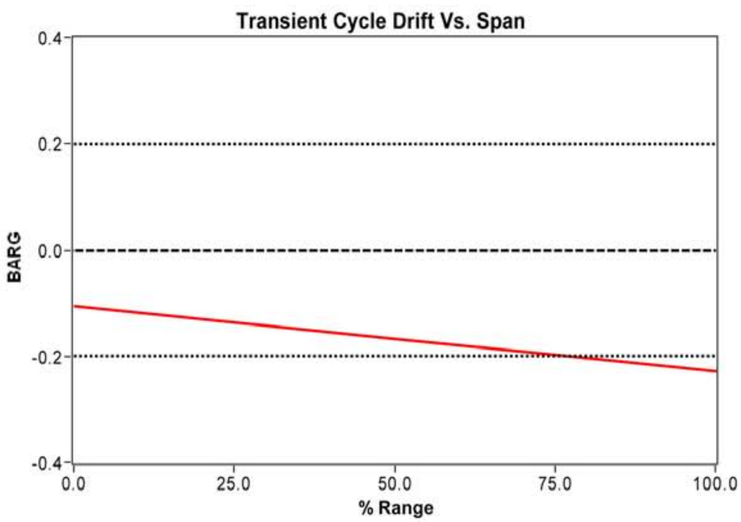
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 3				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0533-W	-0.17	-0.60	Good
	1AB-P-0534-W	-0.72	-0.38	Good
	1AB-P-0535-W	-0.96	-0.91	Good
	1AB-P-0536-W	-0.15	-0.29	Good
	1AB-P-0377-W	0.12	-0.49	Good
	1AB-P-0337-W	-0.11	-0.23	Bad
	1AB-P-0338-W	0.07	0.53	Bad
	1AB-P-0375-W	-0.15	-0.21	Bad
	1AB-P-0374-W	-0.10	-0.30	Bad

* = Recalibrated Between Date 1 and Date 2

Figure A-65
Main Steam Pressure Loop 3 (1AB-P-0377-W) Transient Drift Analysis: Cycle 5





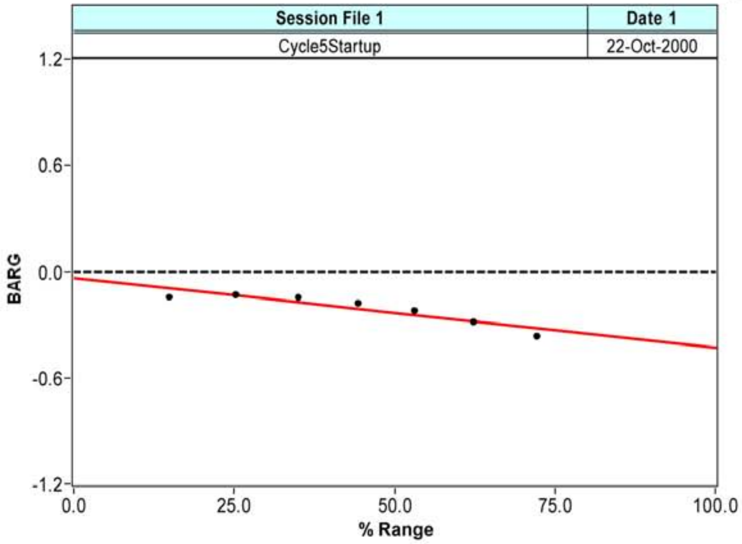
Analysis Information

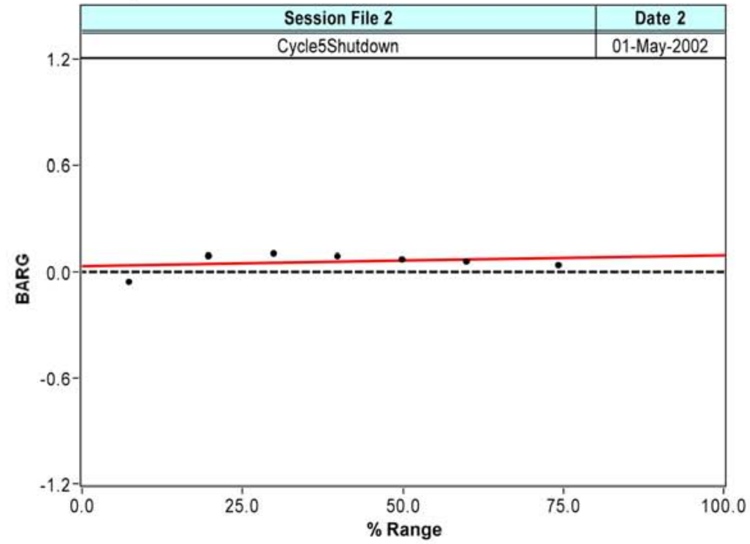
	Tag ID	Zero Drift	Span Drift	Result
Group: MAIN STEAM PRESSURE LOOP 3				
	1AB-P-0533-W	-0.17	-0.60	Good
	1AB-P-0534-W	-0.72	-0.38	Good
	1AB-P-0535-W	-0.96	-0.91	Good
	1AB-P-0536-W	-0.15	-0.29	Good
	1AB-P-0377-W	0.12	-0.49	Good
	1AB-P-0337-W	-0.11	-0.23	Bad
	1AB-P-0338-W	0.07	0.53	Bad
	1AB-P-0375-W	-0.15	-0.21	Bad
	1AB-P-0374-W	-0.10	-0.30	Bad

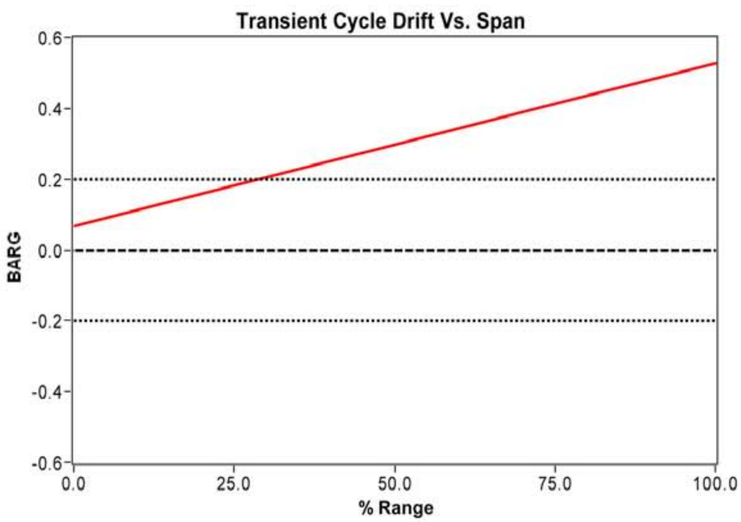
* = Recalibrated Between Date 1 and Date 2

Figure A-66
Main Steam Pressure Loop 3 (1AB-P-0337-W) Transient Drift Analysis: Cycle 5

Transient Cycle Drift Analysis







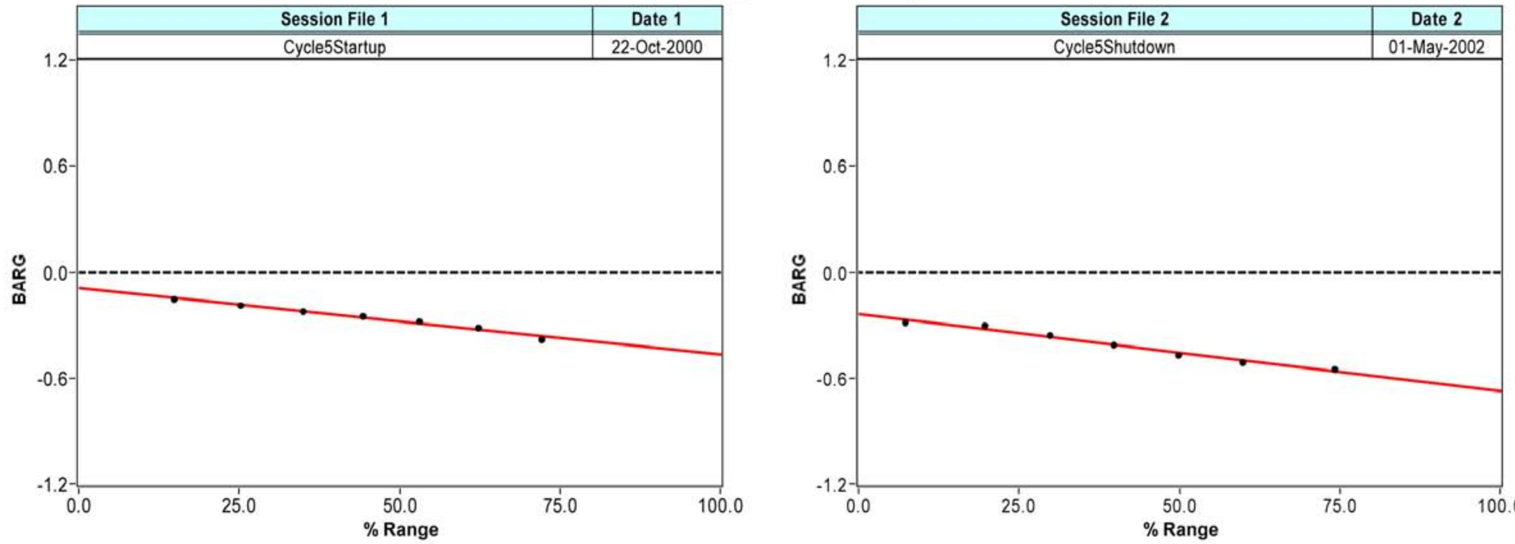
Analysis Information

	Tag ID	Zero Drift	Span Drift	Result
Group: MAIN STEAM PRESSURE LOOP 3				
	1AB-P-0533-W	-0.17	-0.60	Good
	1AB-P-0534-W	-0.72	-0.38	Good
	1AB-P-0535-W	-0.96	-0.91	Good
	1AB-P-0536-W	-0.15	-0.29	Good
	1AB-P-0377-W	0.12	-0.49	Good
	1AB-P-0337-W	-0.11	-0.23	Bad
	1AB-P-0338-W	0.07	0.53	Bad
	1AB-P-0375-W	-0.15	-0.21	Bad
	1AB-P-0374-W	-0.10	-0.30	Bad

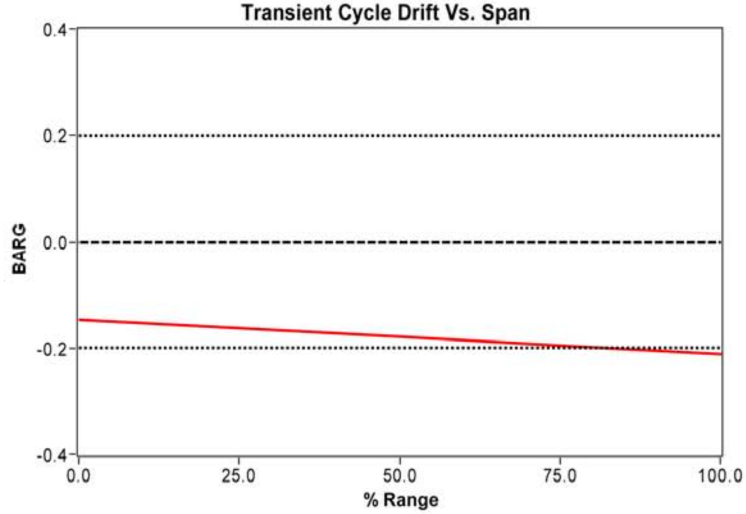
* = Recalibrated Between Date 1 and Date 2

Figure A-67
Main Steam Pressure Loop 3 (1AB-P-0338-W) Transient Drift Analysis: Cycle 5

Transient Cycle Drift Analysis



Transient Cycle Drift Vs. Span



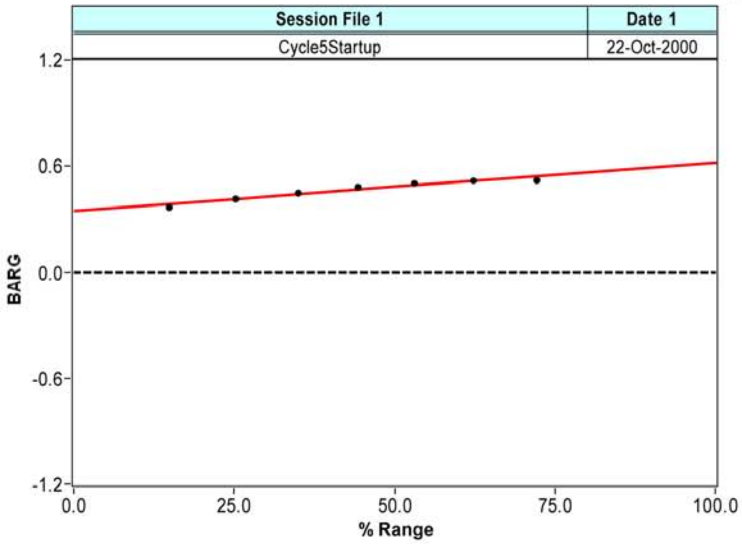
Analysis Information

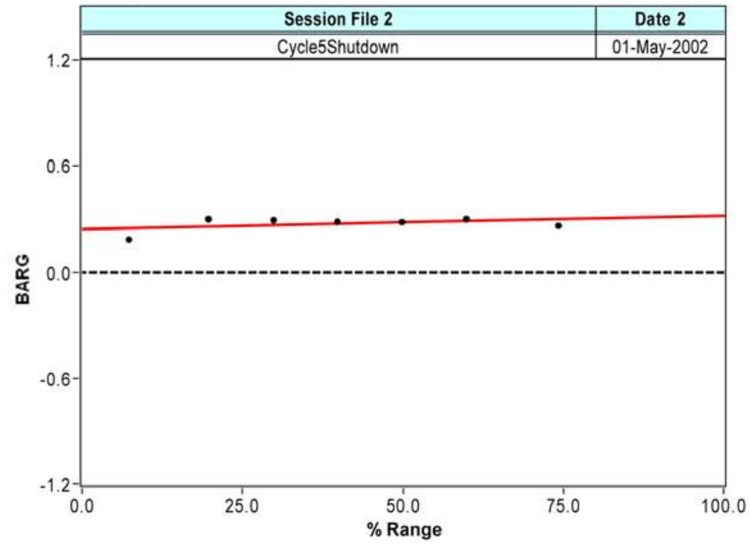
Group				
MAIN STEAM PRESSURE LOOP 3				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0533-W	-0.17	-0.60	Good
	1AB-P-0534-W	-0.72	-0.38	Good
	1AB-P-0535-W	-0.96	-0.91	Good
	1AB-P-0536-W	-0.15	-0.29	Good
	1AB-P-0377-W	0.12	-0.49	Good
	1AB-P-0337-W	-0.11	-0.23	Bad
	1AB-P-0338-W	0.07	0.53	Bad
	1AB-P-0375-W	-0.15	-0.21	Bad
	1AB-P-0374-W	-0.10	-0.30	Bad

* = Recalibrated Between Date 1 and Date 2

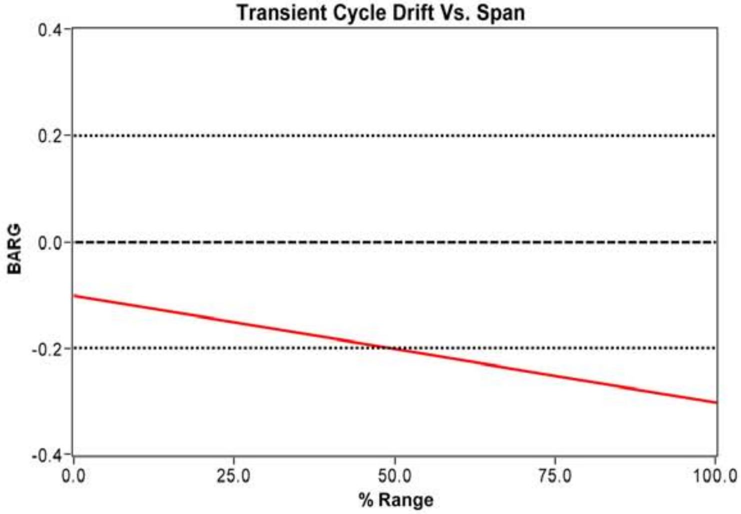
Figure A-68
Main Steam Pressure Loop 3 (1AB-P-0375-W) Transient Drift Analysis: Cycle 5

Transient Cycle Drift Analysis





Transient Cycle Drift Vs. Span

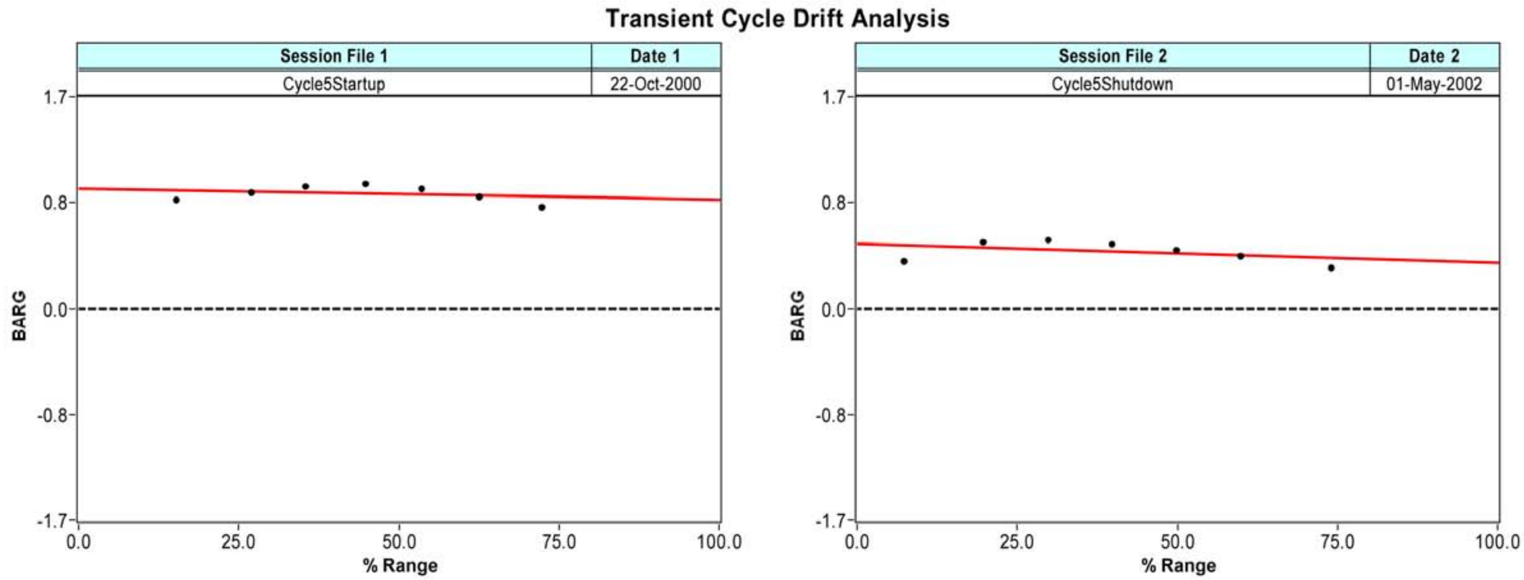


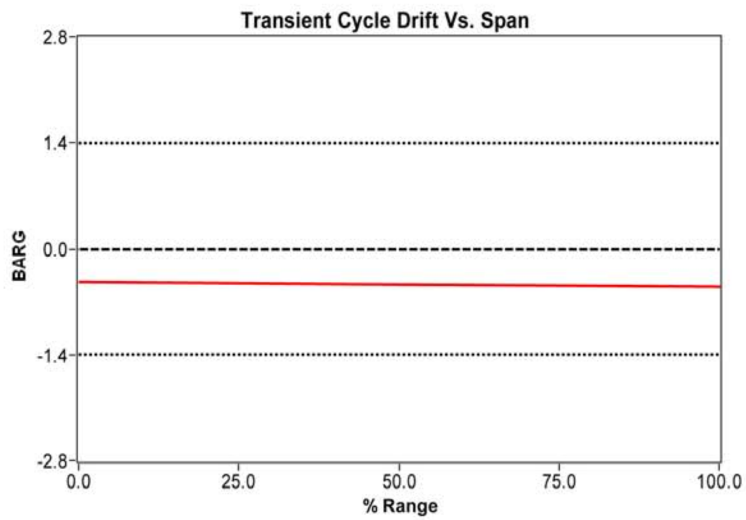
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 3				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0533-W	-0.17	-0.60	Good
	1AB-P-0534-W	-0.72	-0.38	Good
	1AB-P-0535-W	-0.96	-0.91	Good
	1AB-P-0536-W	-0.15	-0.29	Good
	1AB-P-0377-W	0.12	-0.49	Good
	1AB-P-0337-W	-0.11	-0.23	Bad
	1AB-P-0338-W	0.07	0.53	Bad
	1AB-P-0375-W	-0.15	-0.21	Bad
	1AB-P-0374-W	-0.10	-0.30	Bad

* = Recalibrated Between Date 1 and Date 2

Figure A-69
Main Steam Pressure Loop 3 (1AB-P-0374-W) Transient Drift Analysis: Cycle 5





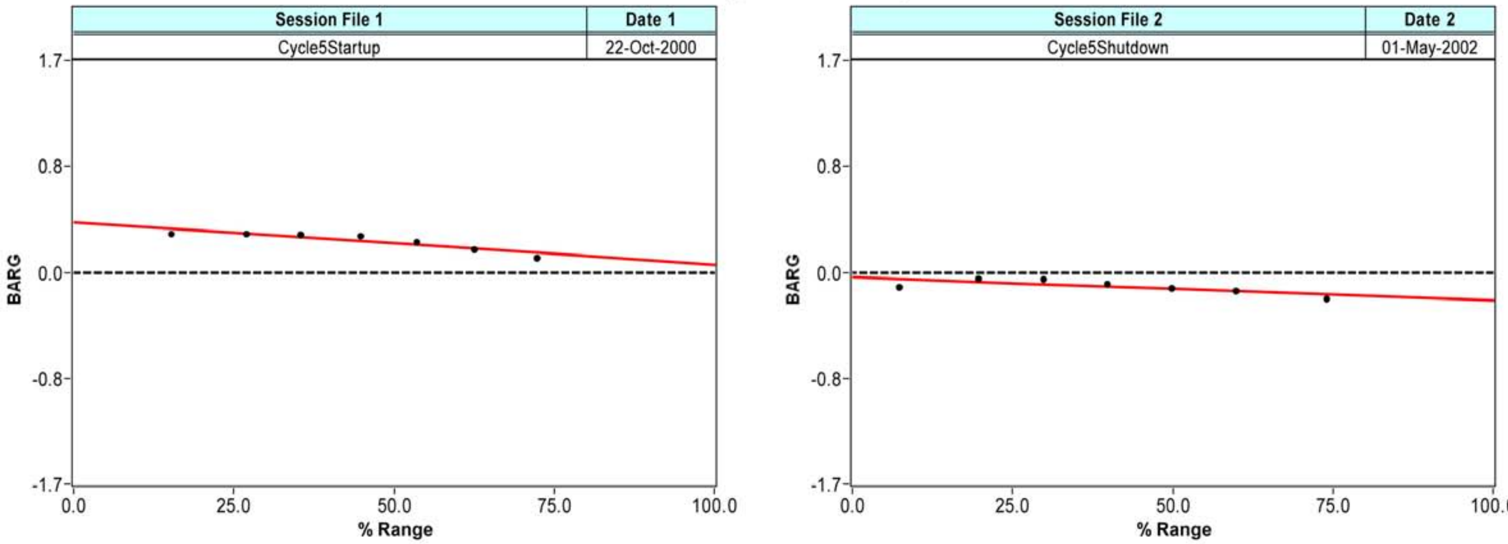
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 4				
	Tag ID	**Zero Drift**	**Span Drift**	**Result**
	1AB-P-0543-W	-0.44	-0.51	Good
	1AB-P-0544-W	-0.44	-0.29	Good
	1AB-P-0545-W	-0.13	-0.29	Good
	1AB-P-0546-W	-0.43	-0.08	Good
	1AB-P-0477-W	-0.45	0.51	Good
	1AB-P-0437-W	-0.06	-0.09	Good
	1AB-P-0438-W	0.30	0.66	Bad
	1AB-P-0474-W	-0.07	0.03	Good
	1AB-P-0475-W	-0.10	0.05	Good

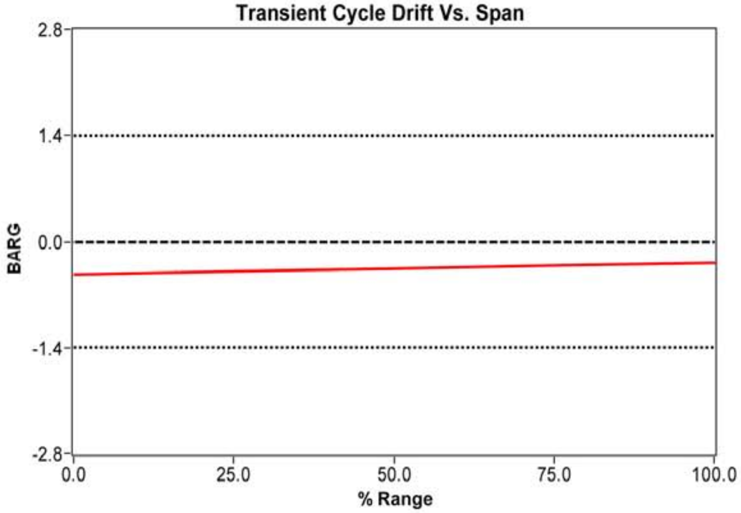
* = Recalibrated Between Date 1 and Date 2

Figure A-70
Main Steam Pressure Loop 4 (1AB-P-0543-W) Transient Drift Analysis: Cycle 5

Transient Cycle Drift Analysis



Transient Cycle Drift Vs. Span

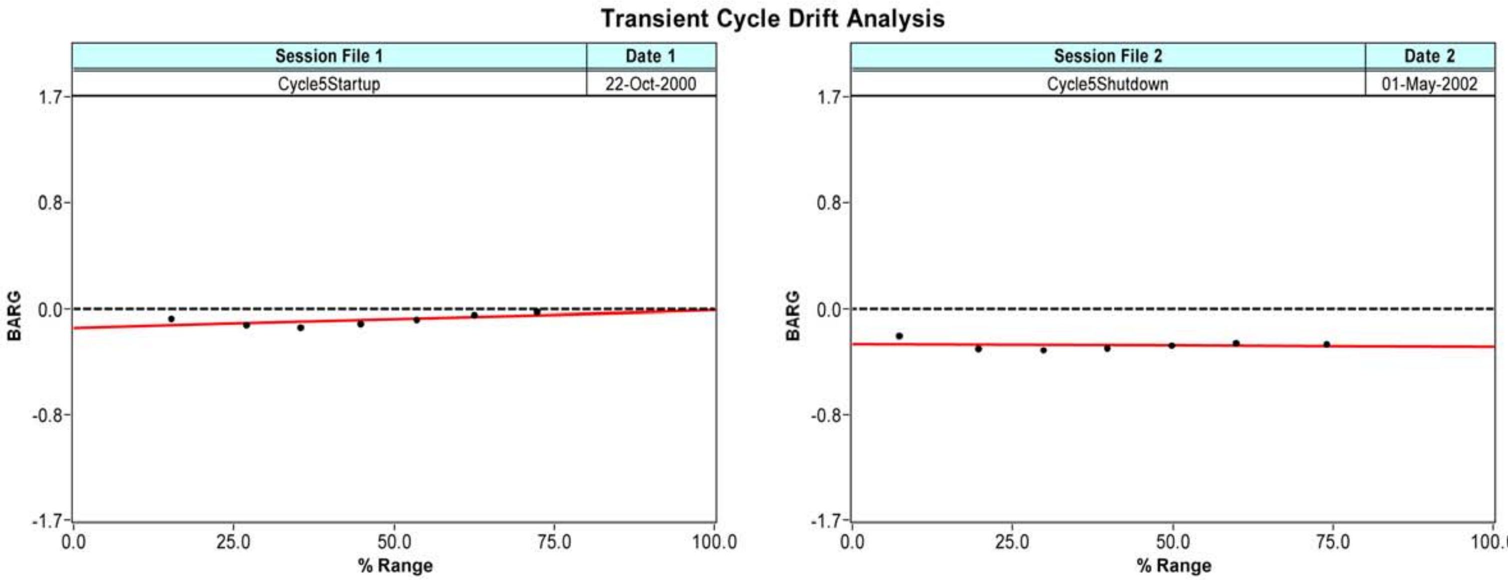


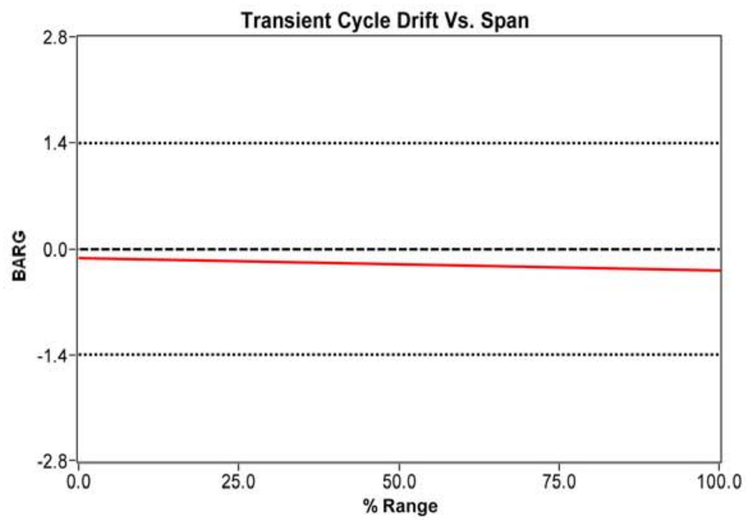
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 4				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0543-W	-0.44	-0.51	Good
	1AB-P-0544-W	-0.44	-0.29	Good
	1AB-P-0545-W	-0.13	-0.29	Good
	1AB-P-0546-W	-0.43	-0.08	Good
	1AB-P-0477-W	-0.45	0.51	Good
	1AB-P-0437-W	-0.06	-0.09	Good
	1AB-P-0438-W	0.30	0.66	Bad
	1AB-P-0474-W	-0.07	0.03	Good
	1AB-P-0475-W	-0.10	0.05	Good

* = Recalibrated Between Date 1 and Date 2

Figure A-71
Main Steam Pressure Loop 4 (1AB-P-0544-W) Transient Drift Analysis: Cycle 5





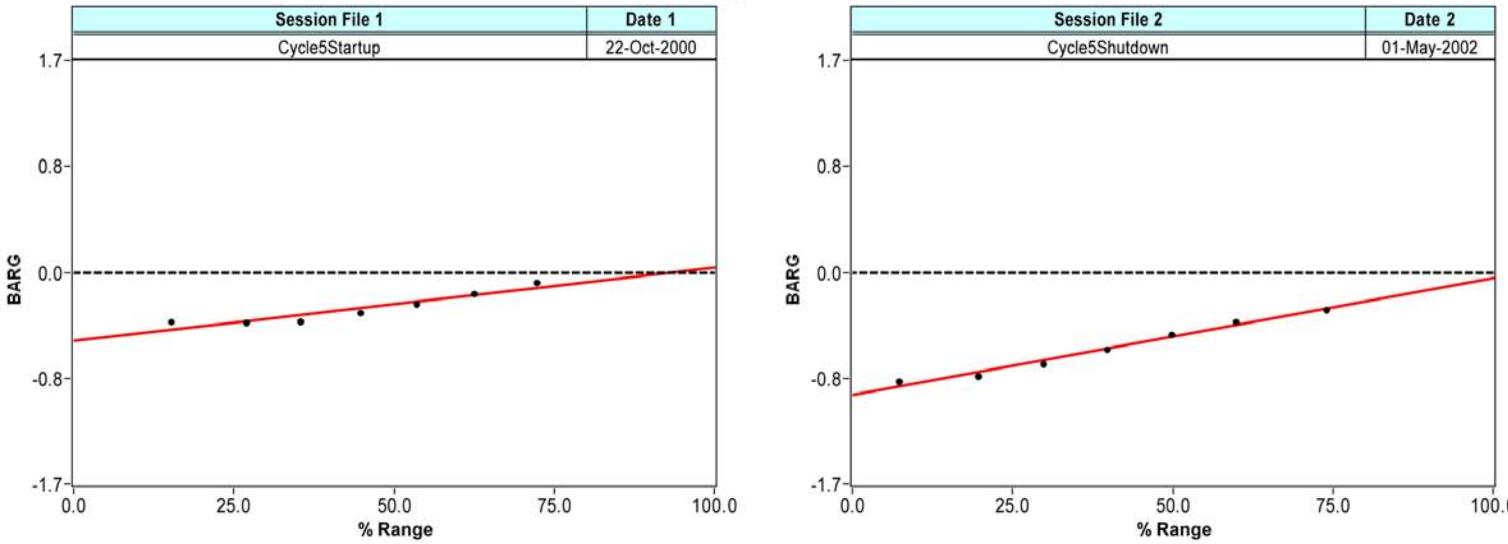
Analysis Information

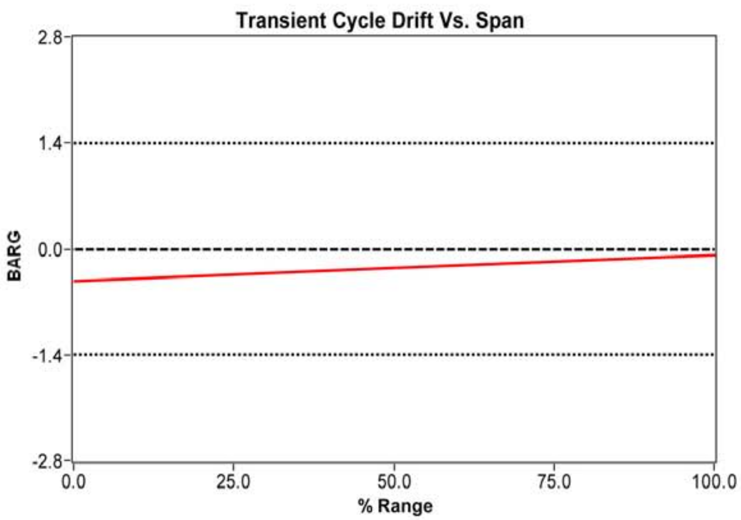
	Tag ID	Zero Drift	Span Drift	Result
Group: MAIN STEAM PRESSURE LOOP 4				
	1AB-P-0543-W	-0.44	-0.51	Good
	1AB-P-0544-W	-0.44	-0.29	Good
	1AB-P-0545-W	-0.13	-0.29	Good
	1AB-P-0546-W	-0.43	-0.08	Good
	1AB-P-0477-W	-0.45	0.51	Good
	1AB-P-0437-W	-0.06	-0.09	Good
	1AB-P-0438-W	0.30	0.66	Bad
	1AB-P-0474-W	-0.07	0.03	Good
	1AB-P-0475-W	-0.10	0.05	Good

* = Recalibrated Between Date 1 and Date 2

Figure A-72
Main Steam Pressure Loop 4 (1AB-P-0545-W) Transient Drift Analysis: Cycle 5

Transient Cycle Drift Analysis



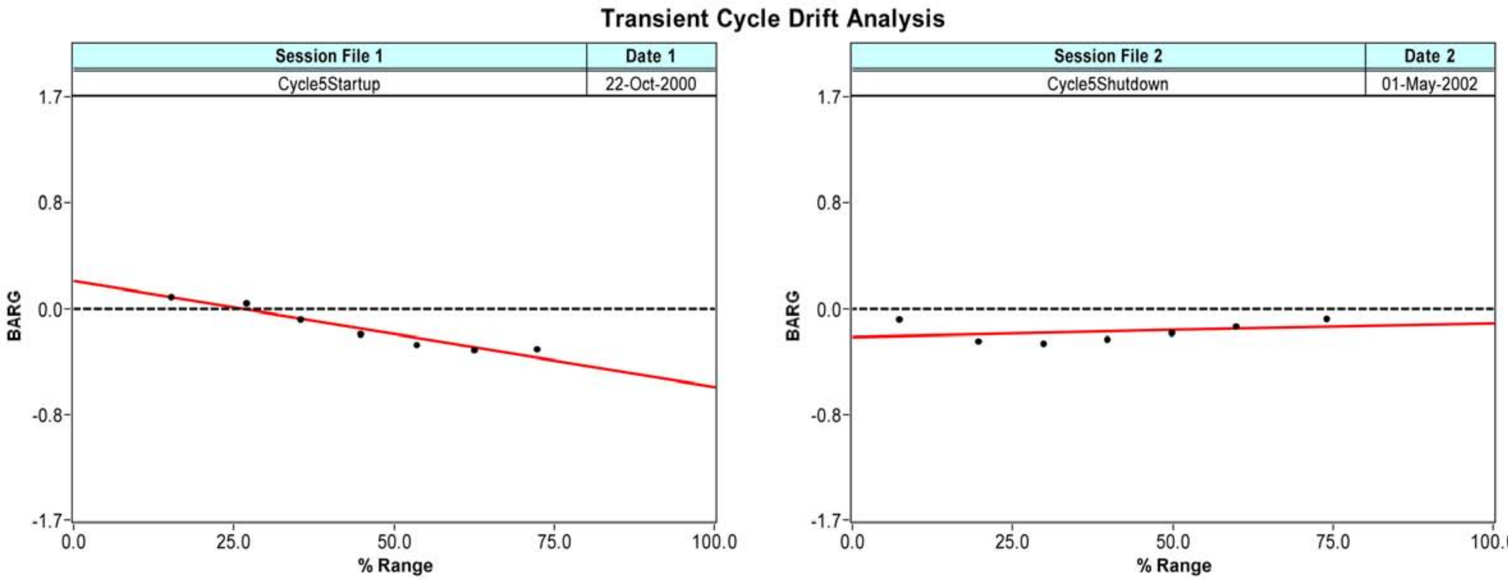


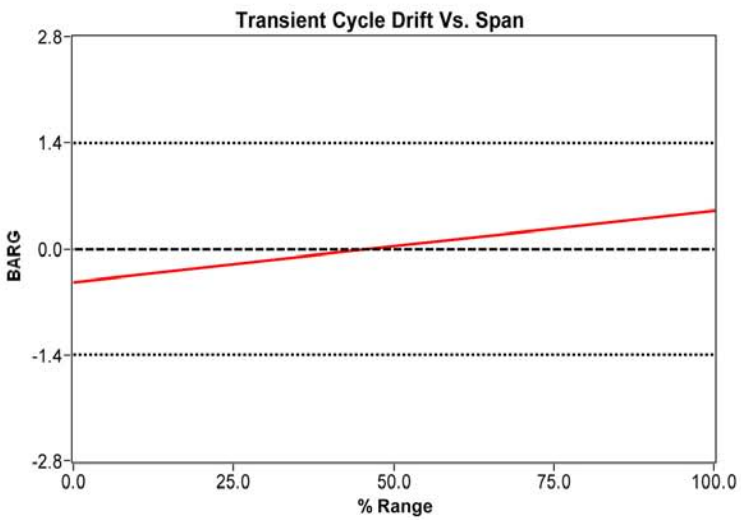
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 4				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0543-W	-0.44	-0.51	Good
	1AB-P-0544-W	-0.44	-0.29	Good
	1AB-P-0545-W	-0.13	-0.29	Good
	1AB-P-0546-W	-0.43	-0.08	Good
	1AB-P-0477-W	-0.45	0.51	Good
	1AB-P-0437-W	-0.06	-0.09	Good
	1AB-P-0438-W	0.30	0.66	Bad
	1AB-P-0474-W	-0.07	0.03	Good
	1AB-P-0475-W	-0.10	0.05	Good

* = Recalibrated Between Date 1 and Date 2

Figure A-73
Main Steam Pressure Loop 4 (1AB-P-0546-W) Transient Drift Analysis: Cycle 5



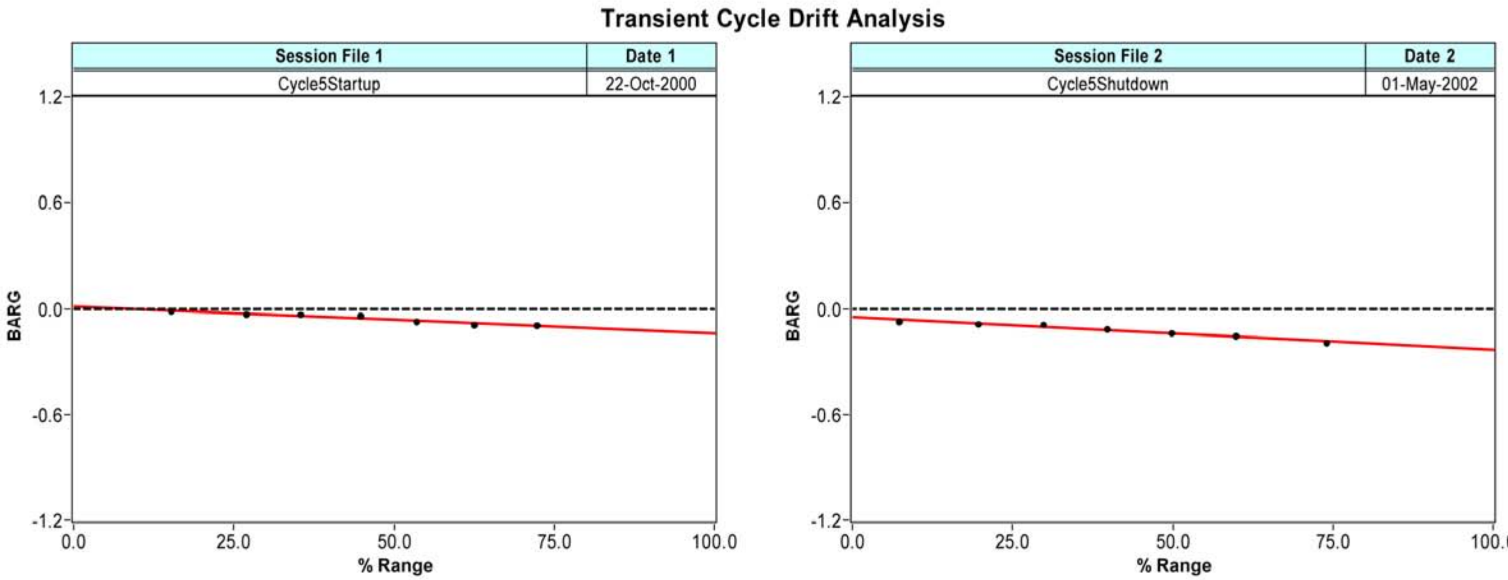


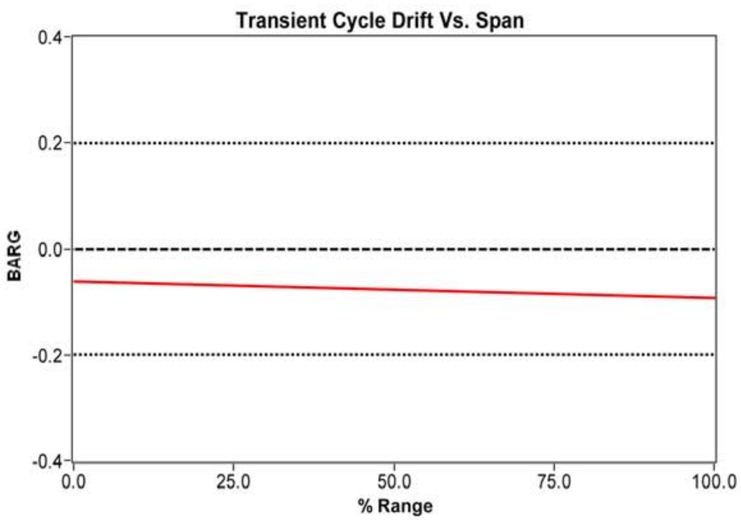
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 4				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0543-W	-0.44	-0.51	Good
	1AB-P-0544-W	-0.44	-0.29	Good
	1AB-P-0545-W	-0.13	-0.29	Good
	1AB-P-0546-W	-0.43	-0.08	Good
	1AB-P-0477-W	-0.45	0.51	Good
	1AB-P-0437-W	-0.06	-0.09	Good
	1AB-P-0438-W	0.30	0.66	Bad
	1AB-P-0474-W	-0.07	0.03	Good
	1AB-P-0475-W	-0.10	0.05	Good

* = Recalibrated Between Date 1 and Date 2

Figure A-74
Main Steam Pressure Loop 4 (1AB-P-0477-W) Transient Drift Analysis: Cycle 5





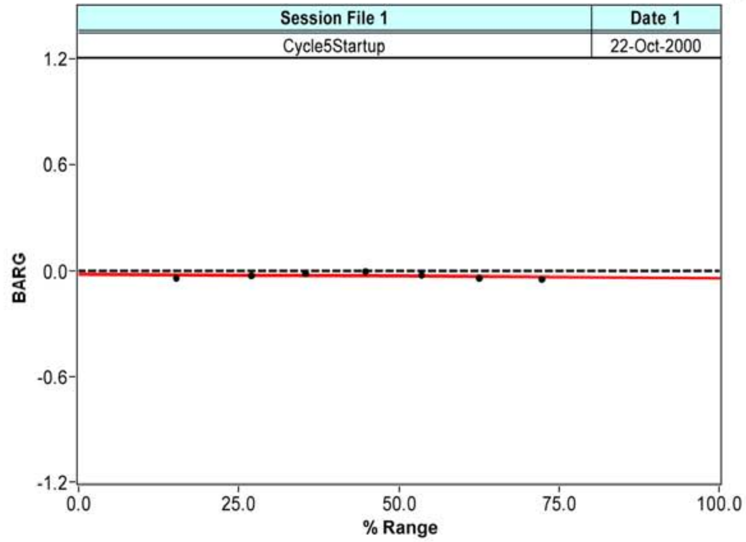
Analysis Information

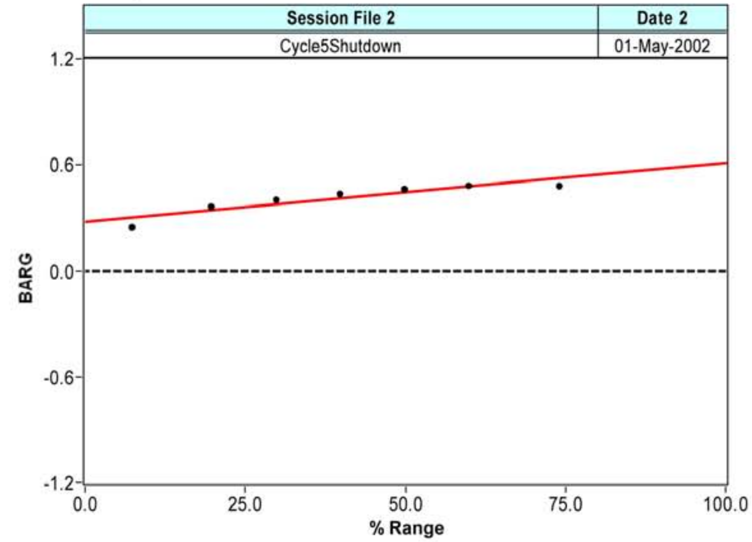
	Group			
	MAIN STEAM PRESSURE LOOP 4			
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0543-W	-0.44	-0.51	Good
	1AB-P-0544-W	-0.44	-0.29	Good
	1AB-P-0545-W	-0.13	-0.29	Good
	1AB-P-0546-W	-0.43	-0.08	Good
	1AB-P-0477-W	-0.45	0.51	Good
	1AB-P-0437-W	-0.06	-0.09	Good
	1AB-P-0438-W	0.30	0.66	Bad
	1AB-P-0474-W	-0.07	0.03	Good
	1AB-P-0475-W	-0.10	0.05	Good

* = Recalibrated Between Date 1 and Date 2

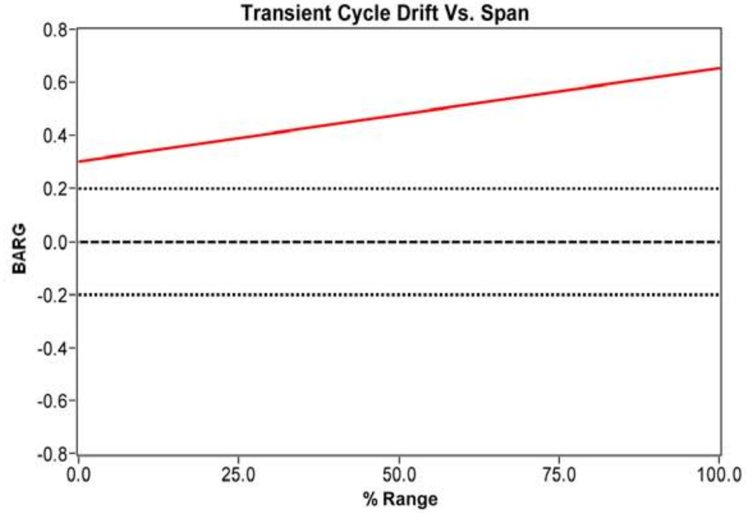
Figure A-75
Main Steam Pressure Loop 4 (1AB-P-0437-W) Transient Drift Analysis: Cycle 5

Transient Cycle Drift Analysis





Transient Cycle Drift Vs. Span



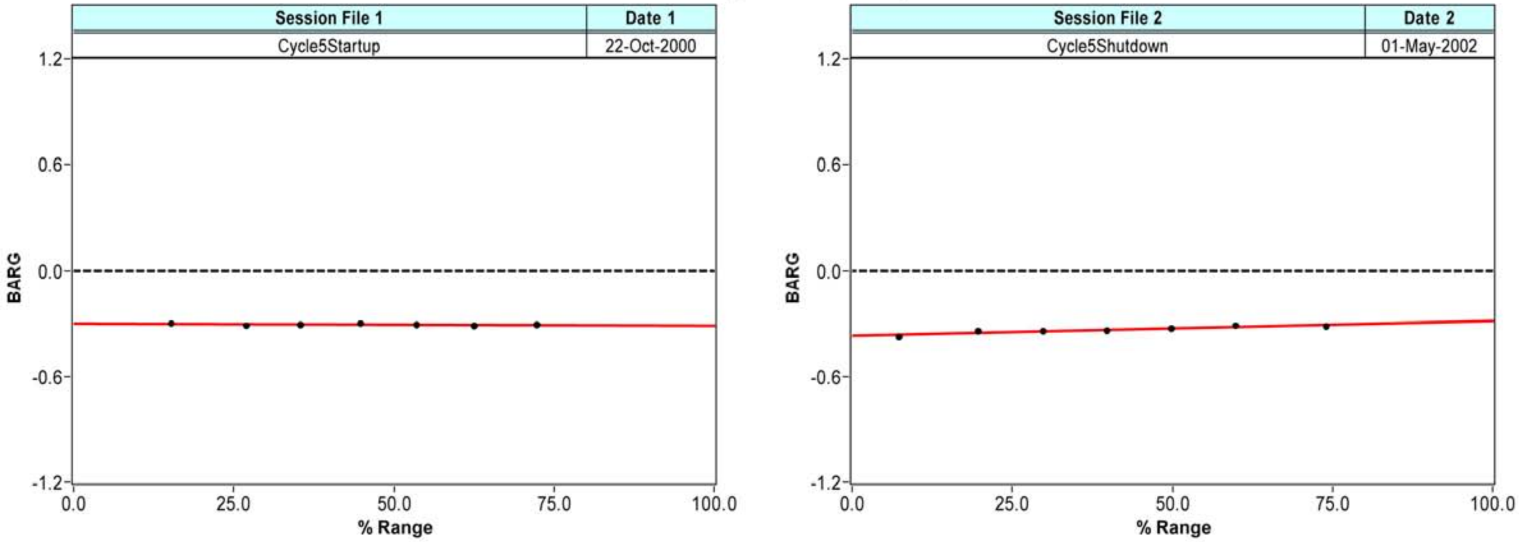
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 4				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0543-W	-0.44	-0.51	Good
	1AB-P-0544-W	-0.44	-0.29	Good
	1AB-P-0545-W	-0.13	-0.29	Good
	1AB-P-0546-W	-0.43	-0.08	Good
	1AB-P-0477-W	-0.45	0.51	Good
	1AB-P-0437-W	-0.06	-0.09	Good
	1AB-P-0438-W	0.30	0.66	Bad
	1AB-P-0474-W	-0.07	0.03	Good
	1AB-P-0475-W	-0.10	0.05	Good

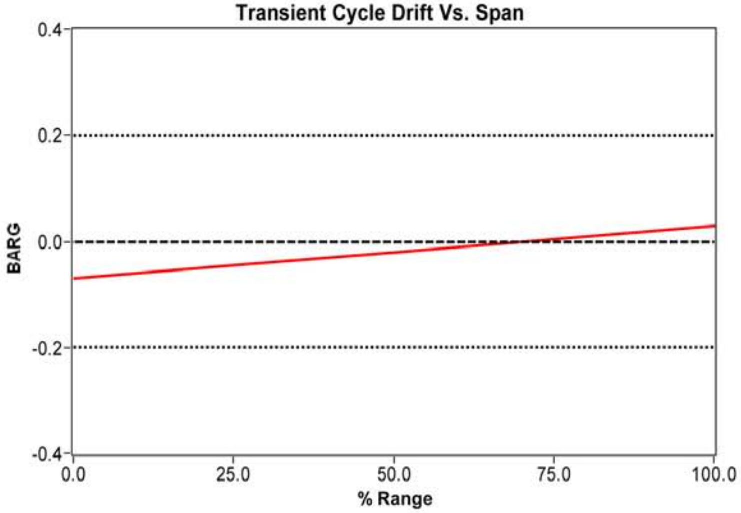
* = Recalibrated Between Date 1 and Date 2

Figure A-76
Main Steam Pressure Loop 4 (1AB-P-0438-W) Transient Drift Analysis: Cycle 5

Transient Cycle Drift Analysis



Transient Cycle Drift Vs. Span

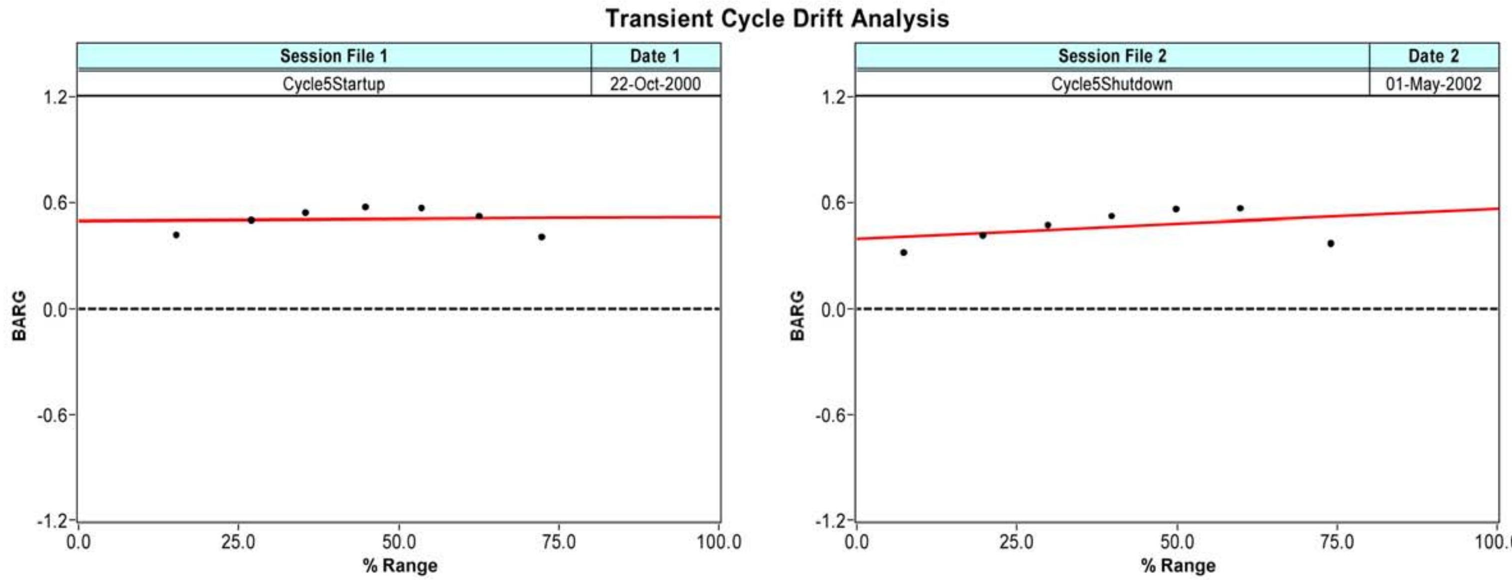


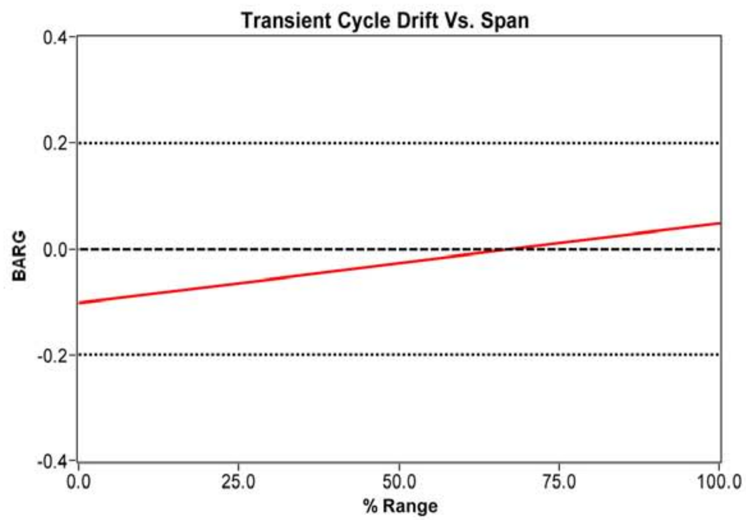
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 4				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0543-W	-0.44	-0.51	Good
	1AB-P-0544-W	-0.44	-0.29	Good
	1AB-P-0545-W	-0.13	-0.29	Good
	1AB-P-0546-W	-0.43	-0.08	Good
	1AB-P-0477-W	-0.45	0.51	Good
	1AB-P-0437-W	-0.06	-0.09	Good
	1AB-P-0438-W	0.30	0.66	Bad
	1AB-P-0474-W	-0.07	0.03	Good
	1AB-P-0475-W	-0.10	0.05	Good

* = Recalibrated Between Date 1 and Date 2

Figure A-77
Main Steam Pressure Loop 4 (1AB-P-0474-W) Transient Drift Analysis: Cycle 5



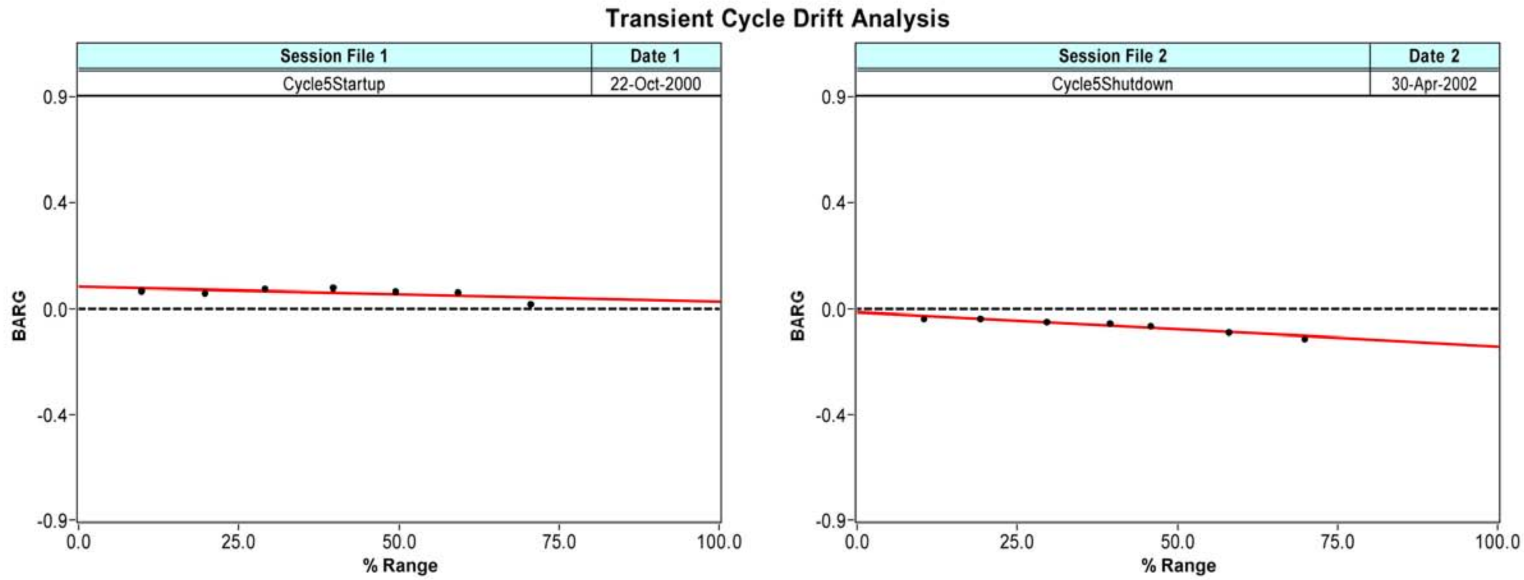


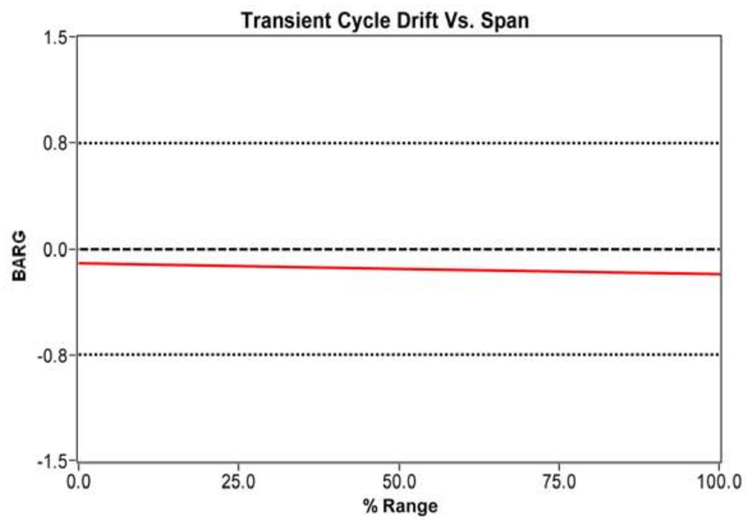
Analysis Information

	Group			
	MAIN STEAM PRESSURE LOOP 4			
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0543-W	-0.44	-0.51	Good
	1AB-P-0544-W	-0.44	-0.29	Good
	1AB-P-0545-W	-0.13	-0.29	Good
	1AB-P-0546-W	-0.43	-0.08	Good
	1AB-P-0477-W	-0.45	0.51	Good
	1AB-P-0437-W	-0.06	-0.09	Good
	1AB-P-0438-W	0.30	0.66	Bad
	1AB-P-0474-W	-0.07	0.03	Good
	1AB-P-0475-W	-0.10	0.05	Good

* = Recalibrated Between Date 1 and Date 2

Figure A-78
Main Steam Pressure Loop 4 (1AB-P-0475-W) Transient Drift Analysis: Cycle 5





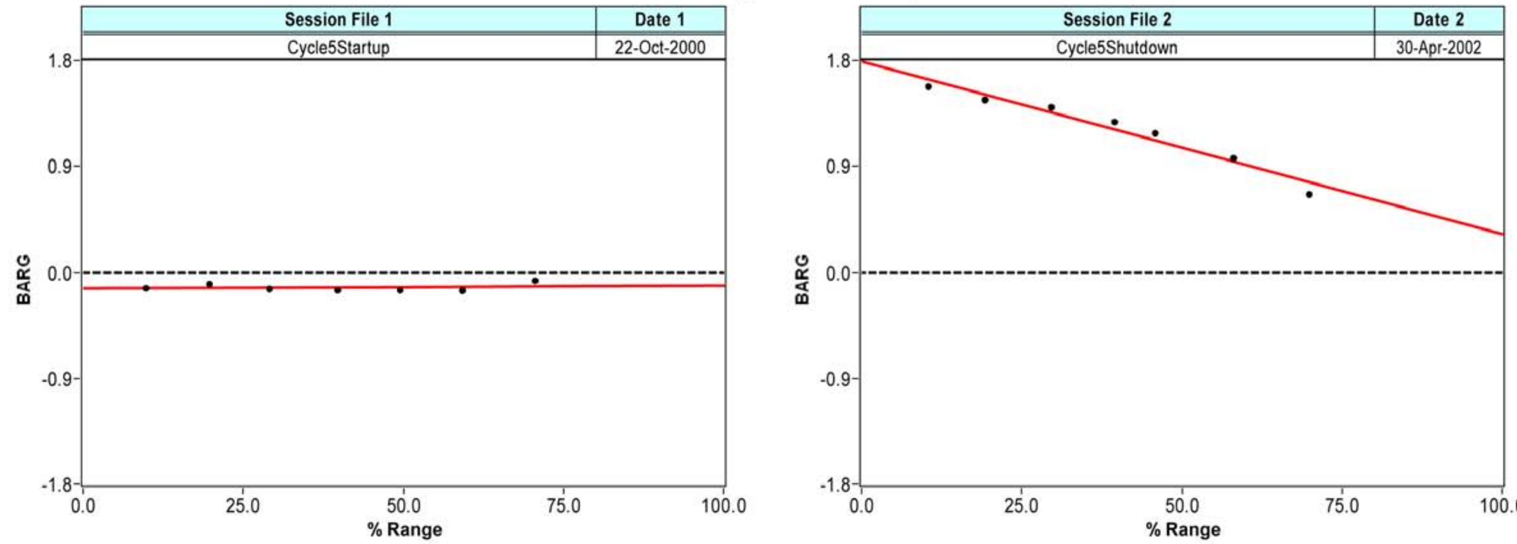
Analysis Information

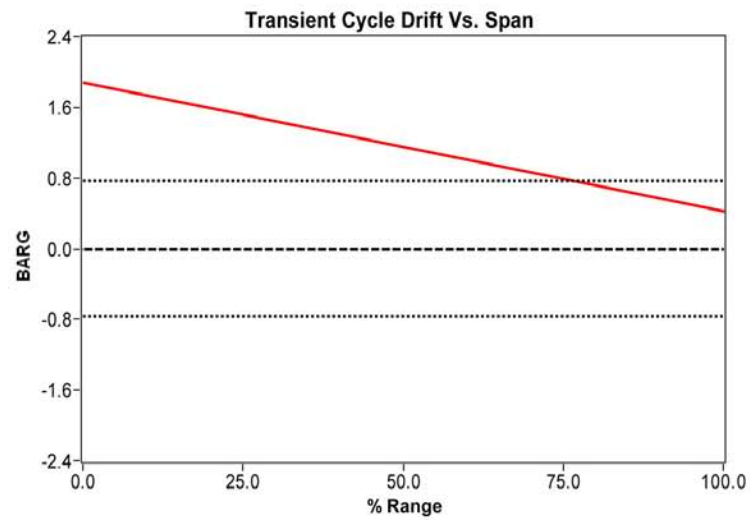
Group				
PRESSURISER PRESSURE				
	Tag ID	Zero Drift	Span Drift	Result
	1BB-P-0455-W	-0.11	-0.19	Good
	1BB-P-0456-W	1.88	0.43	Bad
	1BB-P-0457-W	-0.09	-0.16	Good
	1BB-P-0458-W	-0.48	-0.60	Good

* = Recalibrated Between Date 1 and Date 2

Figure A-79
Pressurizer Pressure (1BB-P-0455-W) Transient Drift Analysis: Cycle 5

Transient Cycle Drift Analysis



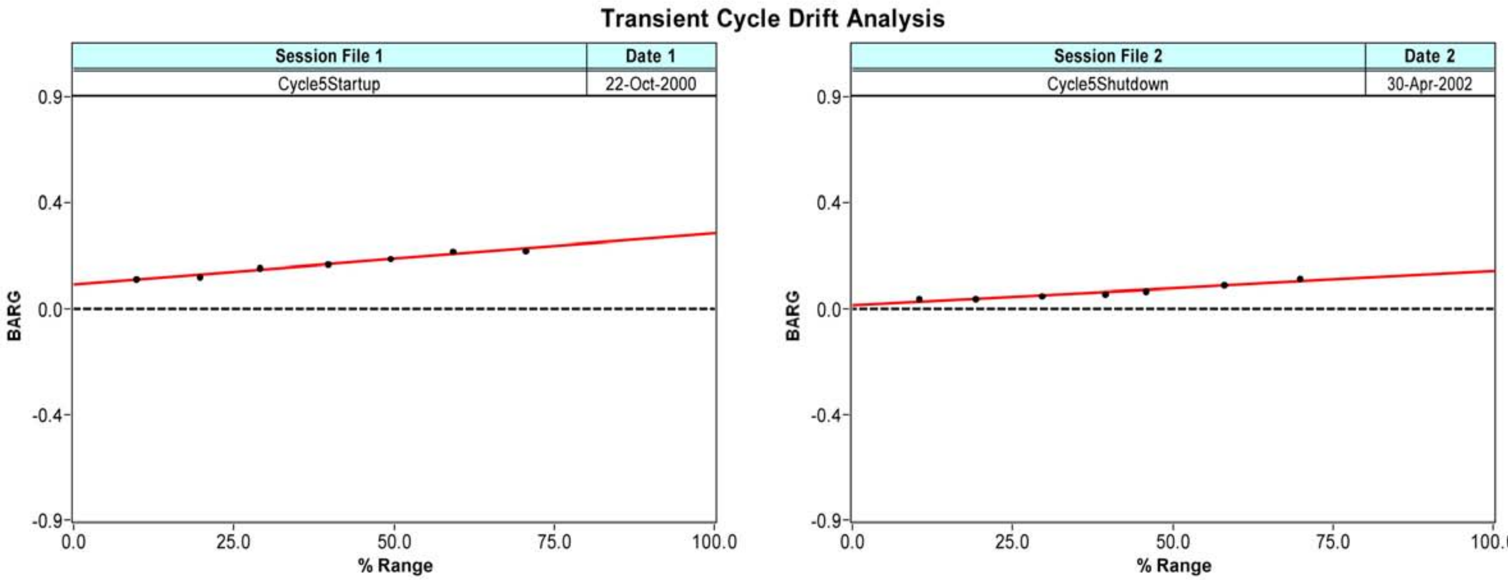


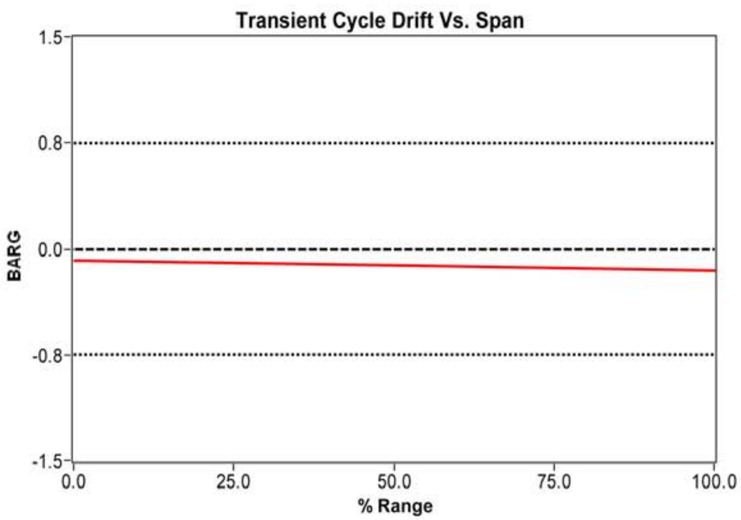
Analysis Information

Group				
PRESSURISER PRESSURE				
	Tag ID	Zero Drift	Span Drift	Result
	1BB-P-0455-W	-0.11	-0.19	Good
	1BB-P-0456-W	1.88	0.43	Bad
	1BB-P-0457-W	-0.09	-0.16	Good
	1BB-P-0458-W	-0.48	-0.60	Good

* = Recalibrated Between Date 1 and Date 2

Figure A-80
Pressurizer Pressure (1BB-P-0456-W) Transient Drift Analysis: Cycle 5



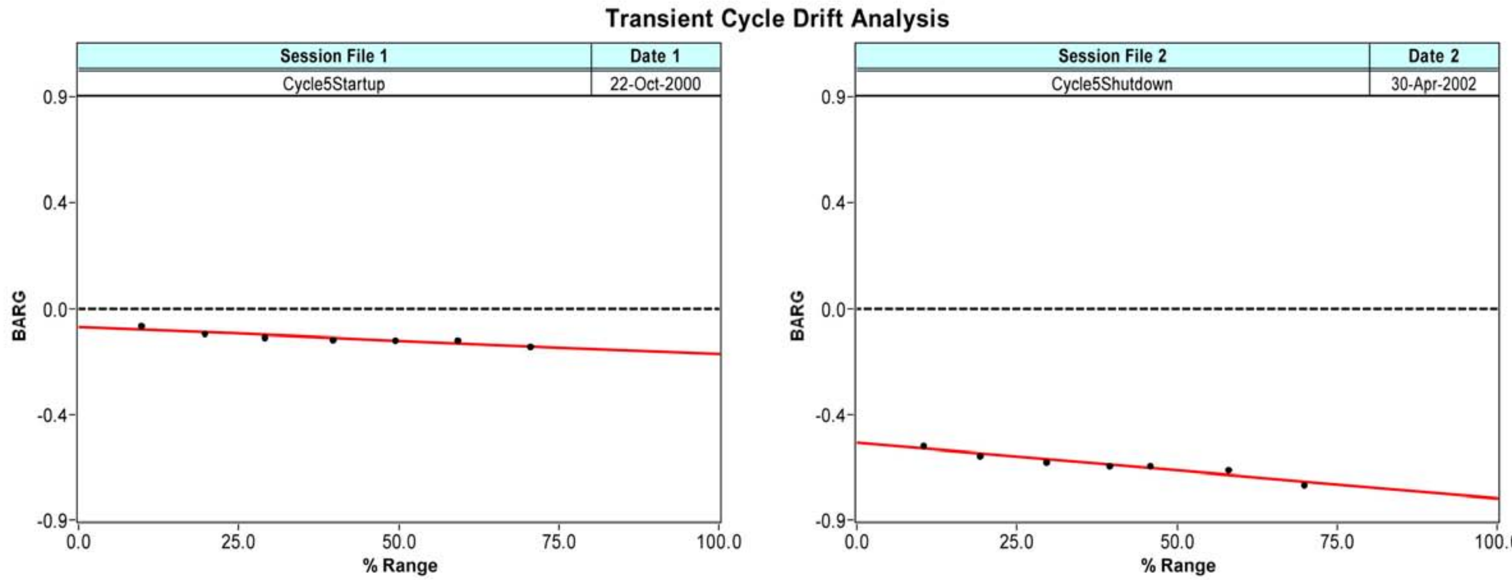


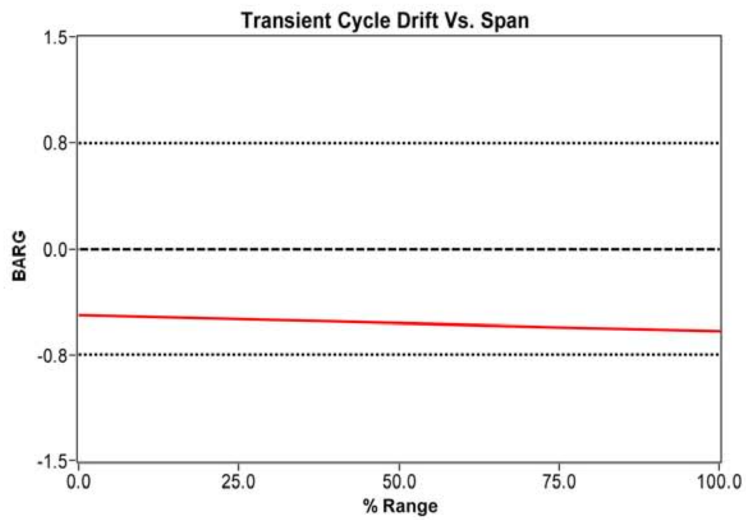
Analysis Information

Group				
PRESSURISER PRESSURE				
	Tag ID	Zero Drift	Span Drift	Result
	1BB-P-0455-W	-0.11	-0.19	Good
	1BB-P-0456-W	1.88	0.43	Bad
	1BB-P-0457-W	-0.09	-0.16	Good
	1BB-P-0458-W	-0.48	-0.60	Good

* = Recalibrated Between Date 1 and Date 2

Figure A-81
Pressurizer Pressure (1BB-P-0457-W) Transient Drift Analysis: Cycle 5





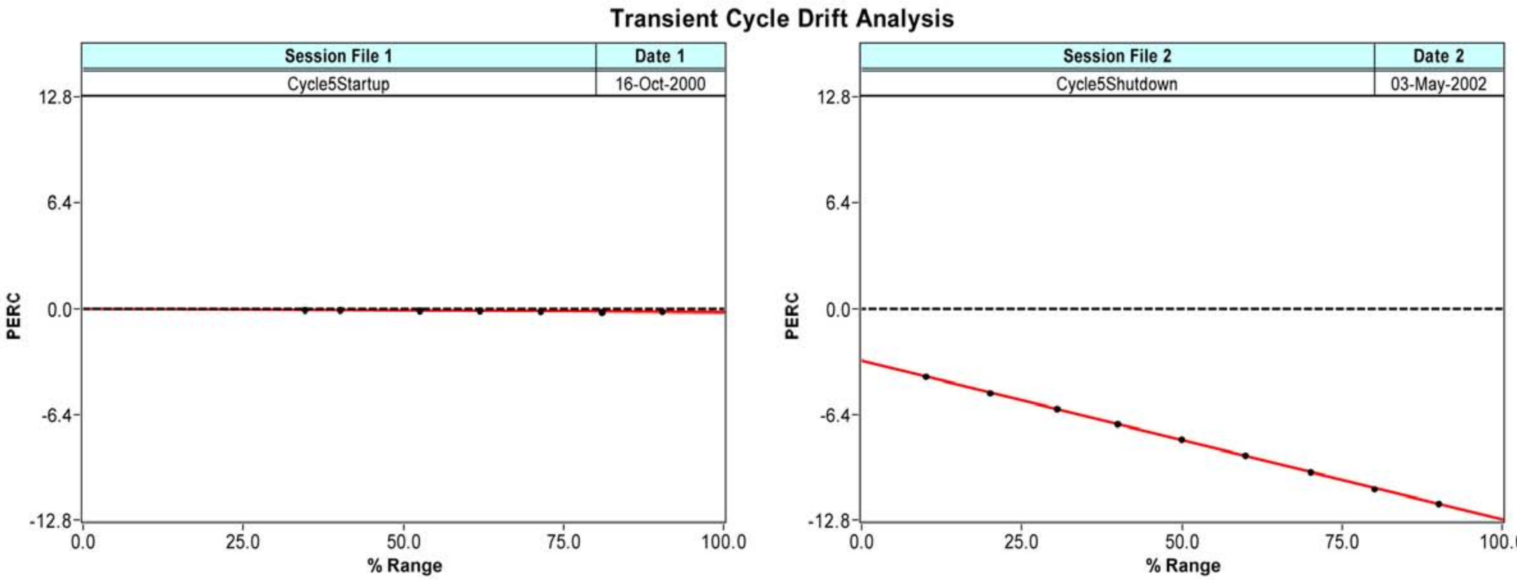
Analysis Information

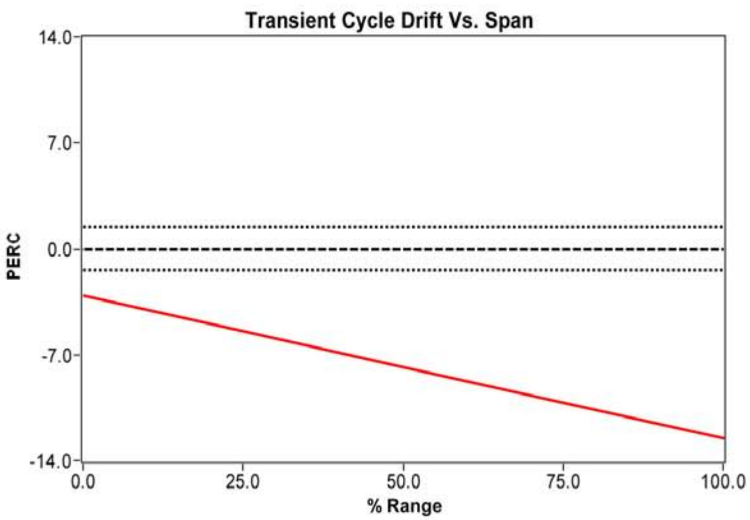
Group				
PRESSURISER PRESSURE				
	Tag ID	Zero Drift	Span Drift	Result
	1BB-P-0455-W	-0.11	-0.19	Good
	1BB-P-0456-W	1.88	0.43	Bad
	1BB-P-0457-W	-0.09	-0.16	Good
	1BB-P-0458-W	-0.48	-0.60	Good

* = Recalibrated Between Date 1 and Date 2

Figure A-82
Pressurizer Pressure (1BB-P-0458-W) Transient Drift Analysis: Cycle 5

Transient Cycle Drift Analysis



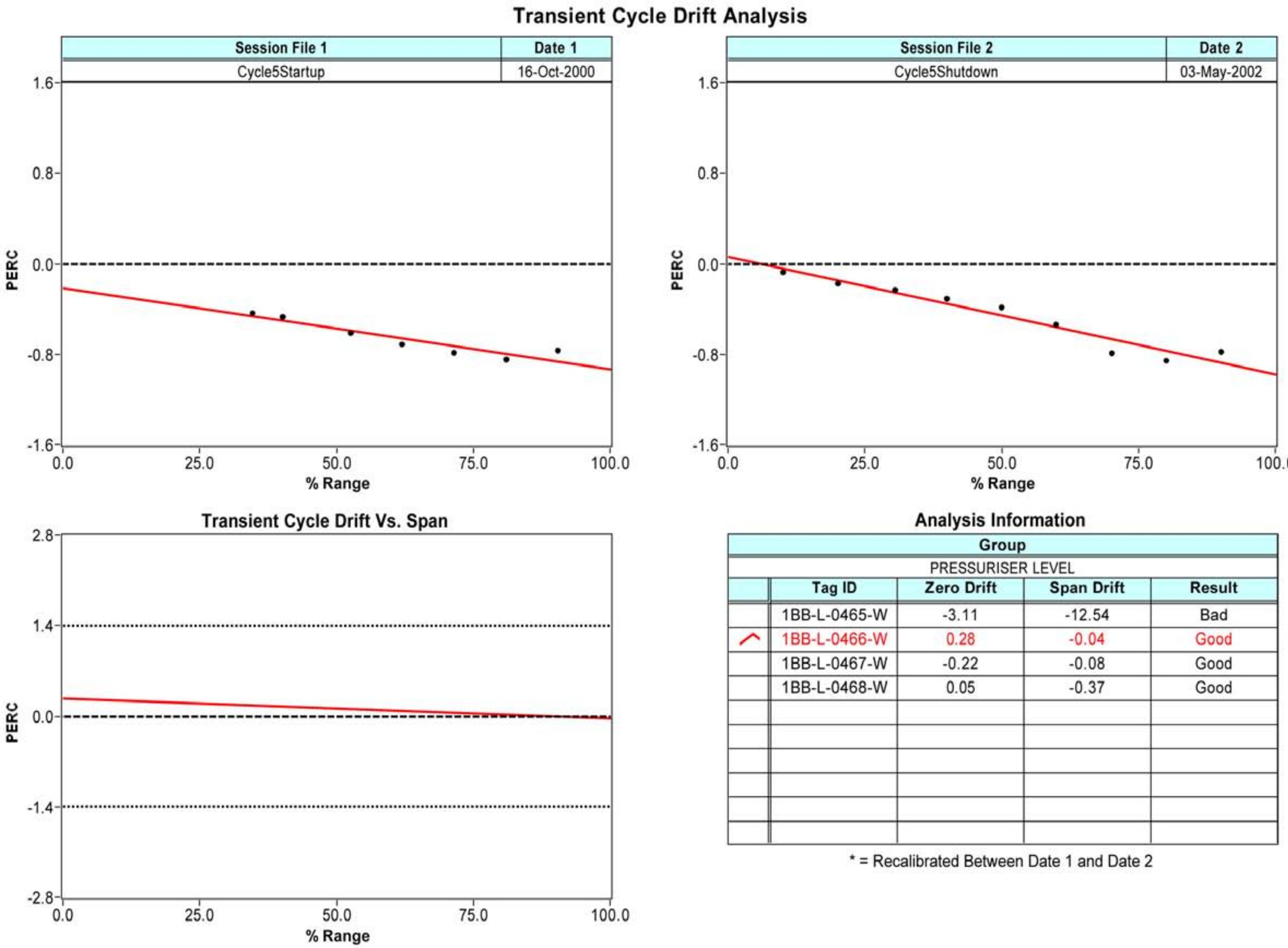


Analysis Information

Group				
PRESSURISER LEVEL				
	Tag ID	Zero Drift	Span Drift	Result
	1BB-L-0465-W	-3.11	-12.54	Bad
	1BB-L-0466-W	0.28	-0.04	Good
	1BB-L-0467-W	-0.22	-0.08	Good
	1BB-L-0468-W	0.05	-0.37	Good

* = Recalibrated Between Date 1 and Date 2

Figure A-83
Pressurizer Level (1BB-L-0465-W) Transient Drift Analysis: Cycle 5

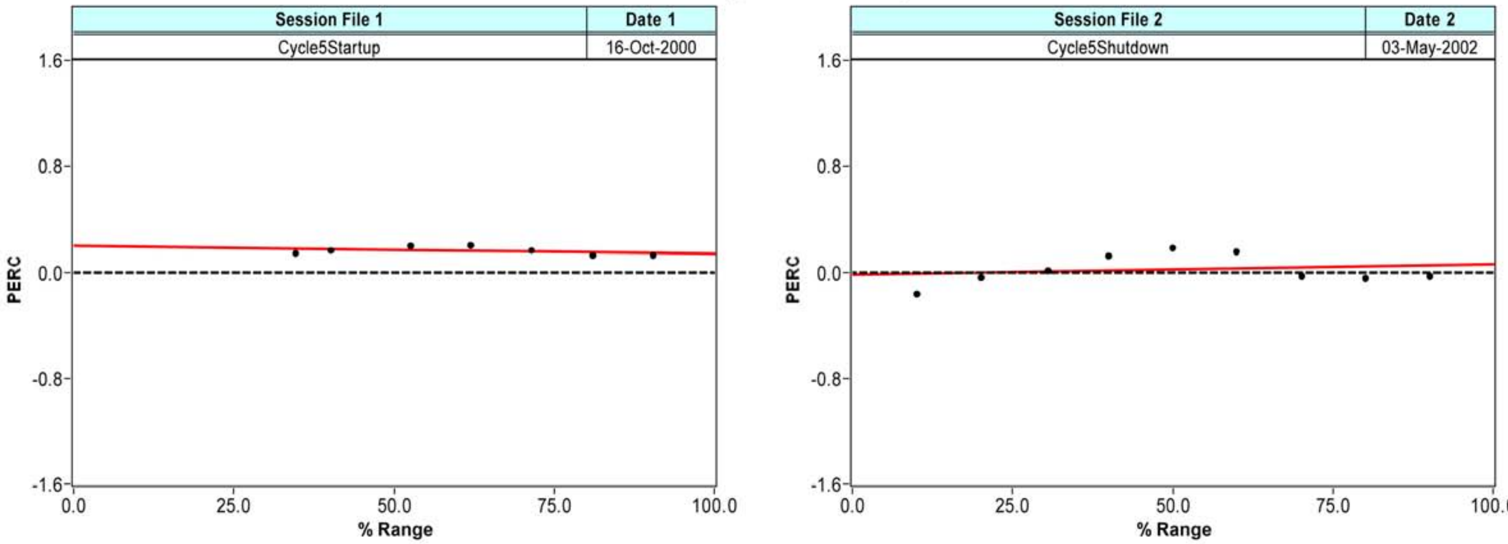


Group				
PRESSURISER LEVEL				
	Tag ID	Zero Drift	Span Drift	Result
	1BB-L-0465-W	-3.11	-12.54	Bad
	1BB-L-0466-W	0.28	-0.04	Good
	1BB-L-0467-W	-0.22	-0.08	Good
	1BB-L-0468-W	0.05	-0.37	Good

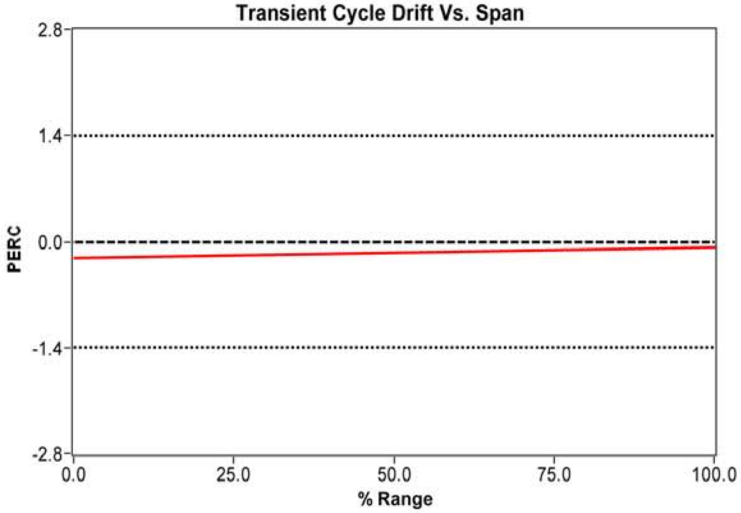
* = Recalibrated Between Date 1 and Date 2

Figure A-84
Pressurizer Level (1BB-L-0466-W) Transient Drift Analysis: Cycle 5

Transient Cycle Drift Analysis



Transient Cycle Drift Vs. Span

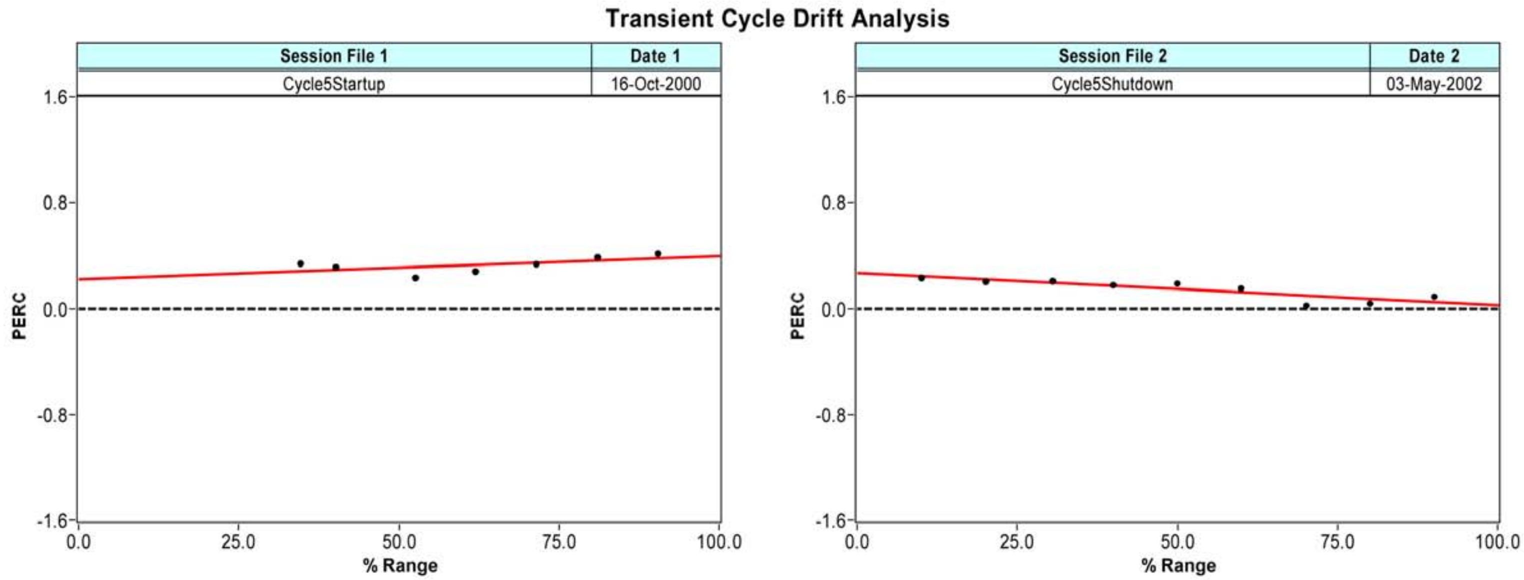


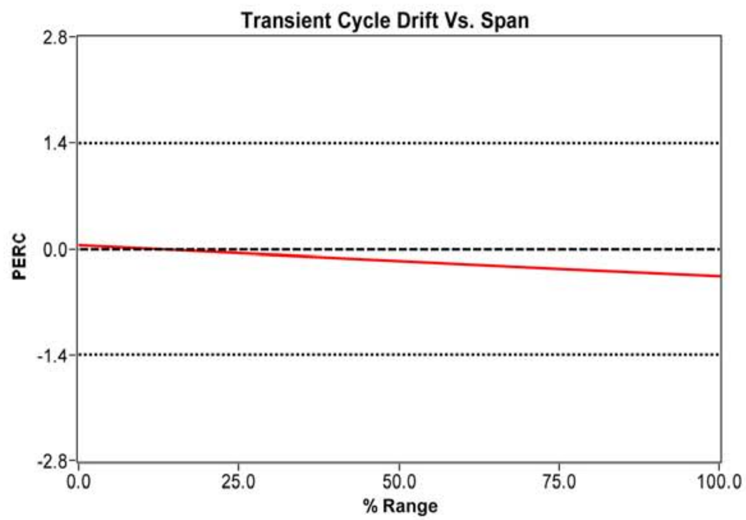
Analysis Information

	Tag ID	Zero Drift	Span Drift	Result
Group: PRESSURISER LEVEL				
	1BB-L-0465-W	-3.11	-12.54	Bad
	1BB-L-0466-W	0.28	-0.04	Good
	1BB-L-0467-W	-0.22	-0.08	Good
	1BB-L-0468-W	0.05	-0.37	Good

* = Recalibrated Between Date 1 and Date 2

Figure A-85
Pressurizer Level (1BB-L-0467-W) Transient Drift Analysis: Cycle 5





Analysis Information

	Tag ID	Zero Drift	Span Drift	Result
Group: PRESSURISER LEVEL				
	1BB-L-0465-W	-3.11	-12.54	Bad
	1BB-L-0466-W	0.28	-0.04	Good
	1BB-L-0467-W	-0.22	-0.08	Good
	1BB-L-0468-W	0.05	-0.37	Good

* = Recalibrated Between Date 1 and Date 2

Figure A-86
Pressurizer Level (1BB-L-0468-W) Transient Drift Analysis: Cycle 5

B

SUPPORTING DATA FOR RESULTS OF CYCLE 6

Cycle 6 analysis was performed on the data collected from startup in May 2002, from data collected from steady-state operation each month from June 2002–September 2003, and from data collected during shutdown in October 2003. This was the first cycle in which steady-state data from each month were used to help determine the calibration status of the transmitters. At the beginning of the cycle, one week's worth of data were sent every month. Near the middle of the cycle, AMS engineers determined that Sizewell needed to send only 12 hours of data each month in order to get results equivalent to the one-week data. From then on, Sizewell sent 12 hours of data each month, which it continues to do as of this writing.

Cycle 6 OLM Results for PPS Transmitters

Table B-1 presents the results of Cycle 6 analysis of selected Sizewell B transmitters. In arriving at the results for Cycle 6, again, AMS concentrated exclusively on those transmitters inside the containment of Sizewell B and subjected to calibration at the end of Cycle 6 during the refueling outage. Note that in Table B-1, eight transmitters are accompanied by a letter designation in the "OLM Result" column. (The letter designations are explained in the notes that follow Table B-1.) For these eight transmitters, AMS did not use the default procedures for arriving at final results. Rather, collective information/engineering judgment was used in marking them as good or bad.

Table B-1
OLM Analysis of Sizewell B Transmitters in Containment During RF06

Item #	Tag	Group	OLM Result
1	1AB-P-0513-W	Main Steam Pressure Loop 1	Good
2	1AB-P-0525-W	Main Steam Pressure Loop 2	Good
3	1AB-P-0536-W	Main Steam Pressure Loop 3	Good
4	1AB-P-0544-W	Main Steam Pressure Loop 4	Good
5	1AE-L-0501-W	SG A Level Wide-Range	Good
6	1AE-L-0505-W	SG A Level Wide-Range	Good
7	1AE-L-0502-W	SG B Level Wide-Range	Good
8	1AE-L-0506-W	SG B Level Wide-Range	Good
9	1AE-L-0503-W	SG C Level Wide-Range	Good
10	1AE-L-0507-W	SG C Level Wide-Range	Good
11	1AE-L-0504-W	SG D Level Wide-Range	Good
12	1AE-L-0508-W	SG D Level Wide-Range	Good
13	1AE-L-0517-W	SG A Level Narrow-Range	Good
14	1AE-L-0518-W	SG A Level Narrow-Range	Good
15	1AE-L-0519-W	SG A Level Narrow-Range	Good
16	1AE-L-0551-W	SG A Level Narrow-Range	Good
17	1AE-L-0527-W	SG B Level Narrow-Range	Good
18	1AE-L-0528-W	SG B Level Narrow-Range	Good
19	1AE-L-0529-W	SG B Level Narrow-Range	Good
20	1AE-L-0552-W	SG B Level Narrow-Range	Good
21	1AE-L-0537-W	SG C Level Narrow-Range	Good
22	1AE-L-0538-W	SG C Level Narrow-Range	Good
23	1AE-L-0539-W	SG C Level Narrow-Range	Good
24	1AE-L-0553-W	SG C Level Narrow-Range	Good
25	1AE-L-0547-W	SG D Level Narrow-Range	Good
26	1AE-L-0548-W	SG D Level Narrow-Range	Good
27	1AE-L-0549-W	SG D Level Narrow-Range	Good
28	1AE-L-0554-W	SG D Level Narrow-Range	Good

Table B-1 (continued)
OLM Analysis of Sizewell B Transmitters in Containment During RF06

Item #	Tag	Group	OLM Result
29	1AE-F-0515B-W	Main Feed Flow to SG A	Bad
30	1AE-F-0525B-W	Main Feed Flow to SG B	Bad
31	1AE-F-0535B-W	Main Feed Flow to SG C	Bad
32	1AE-F-0545B-W	Main Feed Flow to SG D	Bad
33	1BB-P-0455-W	Pressurizer Pressure	Good
34	1BB-P-0456-W	Pressurizer Pressure	Bad
35	1BB-P-0457-W	Pressurizer Pressure	Good
36	1BB-P-0458-W	Pressurizer Pressure	Good
37	1BB-L-0465-W	Pressurizer Level	Bad
38	1BB-L-0466-W	Pressurizer Level	Good
39	1BB-L-0467-W	Pressurizer Level	Good
40	1BB-L-0468-W	Pressurizer Level	Good
41	1BB-P-0406-W	RCS Pressure Narrow-Range PPS	Good
42	1BB-P-0407-W	RCS Pressure Narrow-Range PPS	Bad [A]
43	1BB-P-0408-W	RCS Pressure Narrow-Range PPS	Bad [A]
44	1BB-P-0409-W	RCS Pressure Narrow-Range PPS	Good
45	1BB-P-0401-W	RCS Pressure Wide-Range PPS	Good
46	1BB-P-0402-W	RCS Pressure Wide-Range PPS	Good [A]
47	1BB-P-0403-W	RCS Pressure Wide-Range PPS	Bad [A]
48	1BB-P-0404-W	RCS Pressure Wide-Range PPS	Good
49	1BB-F-0416-W	RCS Flow Loop 1	Bad [B]
50	1BB-F-0417-W	RCS Flow Loop 1	Bad [B]
51	1BB-F-0418-W	RCS Flow Loop 1	Good [B]
52	1BB-F-0419-W	RCS Flow Loop 1	Bad [B]
53	1BB-F-0426-W	RCS Flow Loop 2	Bad
54	1BB-F-0427-W	RCS Flow Loop 2	Good
55	1BB-F-0428-W	RCS Flow Loop 2	Good
56	1BB-F-0429-W	RCS Flow Loop 2	Bad

Table B-1 (continued)
OLM Analysis of Sizewell B Transmitters in Containment During RF06

Item #	Tag	Group	OLM Result
57	1BB-F-0436-W	RCS Flow Loop 3	Good
58	1BB-F-0437-W	RCS Flow Loop 3	Good
59	1BB-F-0438-W	RCS Flow Loop 3	Good
60	1BB-F-0439-W	RCS Flow Loop 3	Good
61	1BB-F-0446-W	RCS Flow Loop 4	Good
62	1BB-F-0447-W	RCS Flow Loop 4	Good
63	1BB-F-0448-W	RCS Flow Loop 4	Good
64	1BB-F-0449-W	RCS Flow Loop 4	Good
65	1BG-L-0142-W	CVCS Volume Control Tank Level	Bad
66	1BG-L-0143-W	CVCS Volume Control Tank Level	Bad
67	1BG-L-0144-W	CVCS Volume Control Tank Level	Bad
68	1BG-F-0145-W	CVCS Volume Control Tank Level	Bad
69	1BG-L-0149-W	CVCS Volume Control Tank Level	Bad
70	1GN-P-0934-W	Reactor Building Pressure	Good
71	1GN-P-0935-W	Reactor Building Pressure	Good
72	1GN-P-0936-W	Reactor Building Pressure	Good
73	1GN-P-0937-W	Reactor Building Pressure	Good
74	1GN-P-0940-W	Reactor Building Pressure	Good
75	1GN-P-0941-W	Reactor Building Pressure	Bad
76	1GN-P-0942-W	Reactor Building Pressure	Good
77	1GN-P-0943-W	Reactor Building Pressure	Good

Notes:

A. These transmitters had a pressure bias in loops 2 and 3 during shutdown when the RCPs in those loops were shut off. This resulted in the process being different between the loops for these pressures. Because of this, the biased pressure data were not used to evaluate the status of these transmitters when the pumps were shut off.

B. Two of the four transmitters in this group were out of calibration at the lower end of the range. This was likely due to a bias in the differential pressure measurement that is magnified at the low end of the calibration range because the flow is calculated from the square root of the differential pressure measurement. Also, 1BB-F-0419-W was only marginally out at one calibration point in the middle of the calibration range. As such, this transmitter was not removed from the average but was flagged as bad to be conservative. This allowed 1-BB-F-0418-W to be classified as good in this service.

For the preceding results, the parity space averaging technique was used by default. In a few cases, a simple average was used instead of parity space because it was determined that simple averaging was better for these cases.

Cycle 6 Summary Plots

The services for which summary plots are provided in this section are listed in Table B-2. Figures B-1 through B-41 show summary plots for each listed service, as indicated in the "Figure Number" column of Table B-2.

Table B-2
List of Services Included in the RF06 Summary Plots

Item #	Service	Figure Number
1	Main Steam Pressure Loop 1	B-1
2	Main Steam Pressure Loop 2	B-2
3	Main Steam Pressure Loop 3	B-3
4	Main Steam Pressure Loop 4	B-4
5	SG A Level Wide-Range	B-5
6	SG B Level Wide-Range	B-6
7	SG C Level Wide-Range	B-7
8	SG D Level Wide-Range	B-8
9	SG A Level Narrow-Range	B-9
10	SG B Level Narrow-Range	B-10
11	SG C Level Narrow-Range	B-11
12	SG D Level Narrow-Range	B-12
13	Main Feed Flow to SG A	B-13
14	Main Feed Flow to SG B	B-14
15	Main Feed Flow to SG C	B-15
16	Main Feed Flow to SG D	B-16
17	Pressurizer Pressure	B-17
18	Pressurizer Level	B-18
19	RCS Pressure Narrow-Range PPS	B-19
20	RCS Pressure Wide-Range PPS	B-20
21	RCS Flow Loop 1	B-21
22	RCS Flow Loop 2	B-22
23	RCS Flow Loop 3	B-23
24	RCS Flow Loop 4	B-24

Table B-2 (continued)
List of Services Included in the RF06 Summary Plots

Item #	Service	Figure Number
25	RCS Pressure Wide-Range SPS	B-25
26	RCS Pressure Narrow-Range SPS	B-26
27	CVCS Volume Control Tank Level	B-27
28	RWST Level A	B-28
29	RWST Level B	B-29
30	ESW Train A Flow	B-30
31	ESW Train B Flow	B-31
32	Surge Tank Level in CCWS Train B	B-32
33	Surge Tank Level in CCWS Train A	B-33
34	CCWS Flow to Train A Low-Temperature Loads	B-34
35	CCWS Flow to Train B Low-Temperature Loads	B-35
36	CCW Flow in RCP Thermal Barrier Return	B-36
37	Reactor Building Pressure	B-37
38	Main Steamline 1 Flow	B-38
39	Main Steamline 2 Flow	B-39
40	Main Steamline 3 Flow	B-40
41	Main Steamline 4 Flow	B-41

Cycle Summary

Group: MAIN STEAM PRESSURE LOOP 1 **Summary File:** Cycle6Summary **Test Engineer:** AMS

Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	01 Jan 2003	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final
1AB-P-0513-W	PPS																					
1AB-P-0514-W	PPS	X										X								X		X
1AB-P-0515-W	PPS																					
1AB-P-0516-W	PPS																					
1AB-P-0177-W	PFM																					
1AB-P-0174-W	SPS																					
1AB-P-0175-W	SPS																					
1AB-P-0137-W	SPS																					
1AB-P-0138-W	SPS																					

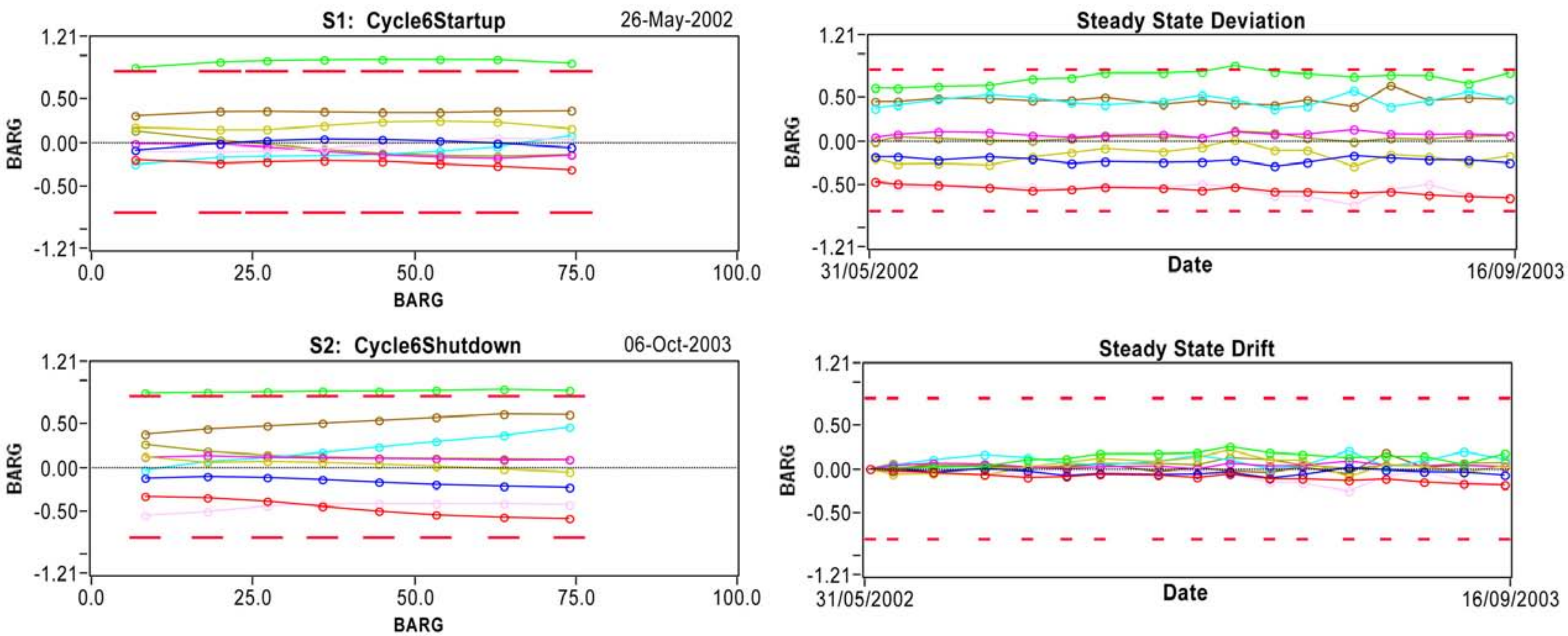


Figure B-1
Main Steam Pressure Loop 1 Summary Plot: Cycle 6

Cycle Summary

Group: MAIN STEAM PRESSURE LOOP 2 **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	01 Jan 2003	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final	
	1AB-P-0523-W	PPS																						
	1AB-P-0524-W	PPS																						
	1AB-P-0525-W	PPS																						
	1AB-P-0526-W	PPS	X																				X	
	1AB-P-0277-W	PFM																X	X	X	X	X	X	
	1AB-P-0275-W	SPS																						
	1AB-P-0274-W	SPS		X																			X	
	1AB-P-0237-W	SPS																						
	1AB-P-0238-W	SPS																						

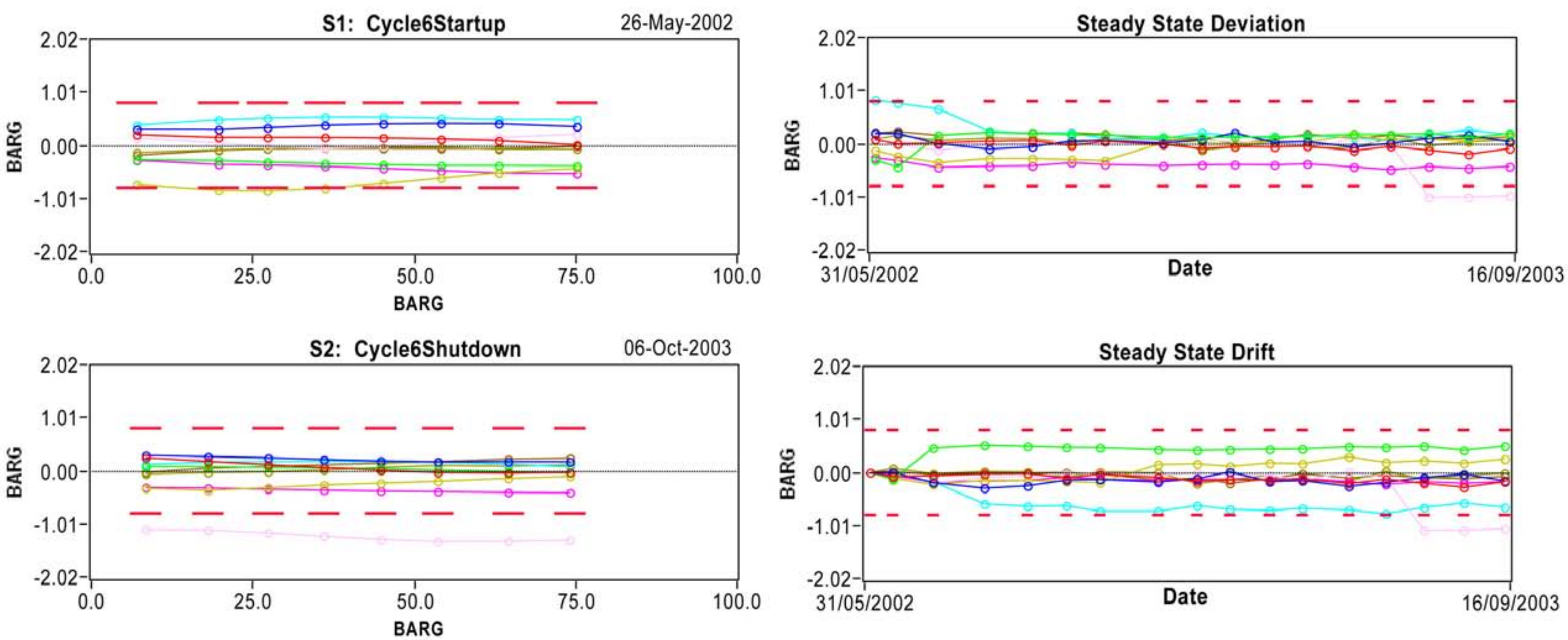
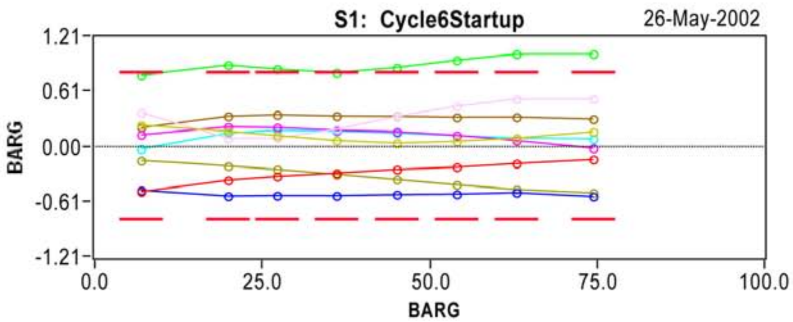


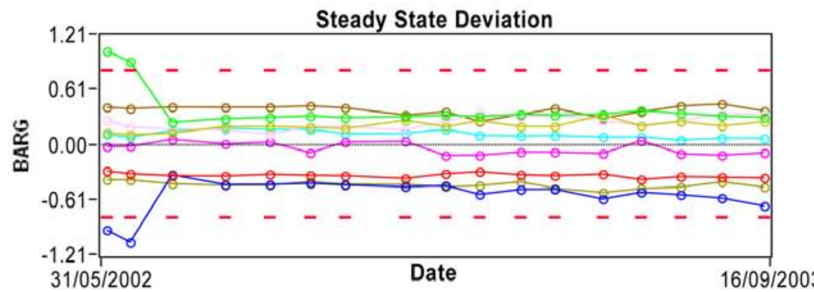
Figure B-2
Main Steam Pressure Loop 2 Summary Plot: Cycle 6

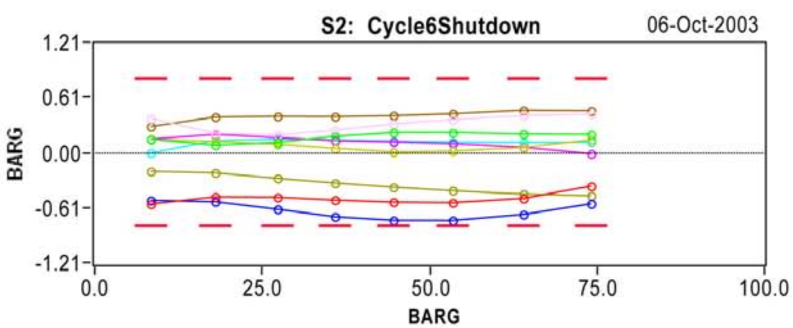
Cycle Summary

Group: MAIN STEAM PRESSURE LOOP 3 **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	01 Jan 2003	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final	
	1AB-P-0533-W	PPS																						
	1AB-P-0534-W	PPS	X	X	X																		X	
	1AB-P-0535-W	PPS		X	X																		X	
	1AB-P-0536-W	PPS																						
	1AB-P-0377-W	PFM																						
	1AB-P-0337-W	SPS																						
	1AB-P-0338-W	SPS																						
	1AB-P-0375-W	SPS																						
	1AB-P-0374-W	SPS																						







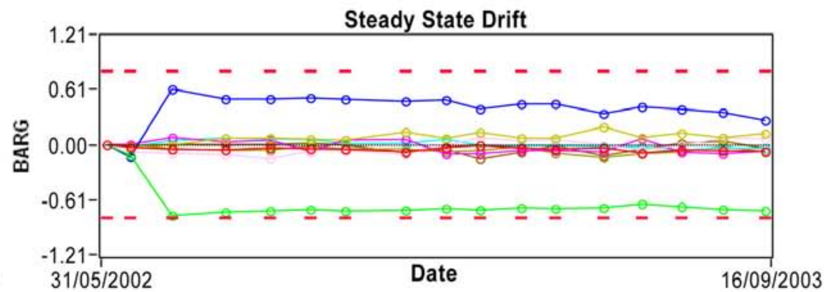


Figure B-3
Main Steam Pressure Loop 3 Summary Plot: Cycle 6

Cycle Summary

Group: MAIN STEAM PRESSURE LOOP 4 **Summary File:** Cycle6Summary **Test Engineer:** AMS

Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final
1AB-P-0543-W	PPS		X											X	X	X	X	X	X	X
1AB-P-0544-W	PPS																			
1AB-P-0545-W	PPS																			
1AB-P-0546-W	PPS	X																		X
1AB-P-0477-W	PFM																			
1AB-P-0437-W	SPS																			
1AB-P-0438-W	SPS																			
1AB-P-0474-W	SPS																			
1AB-P-0475-W	SPS																			

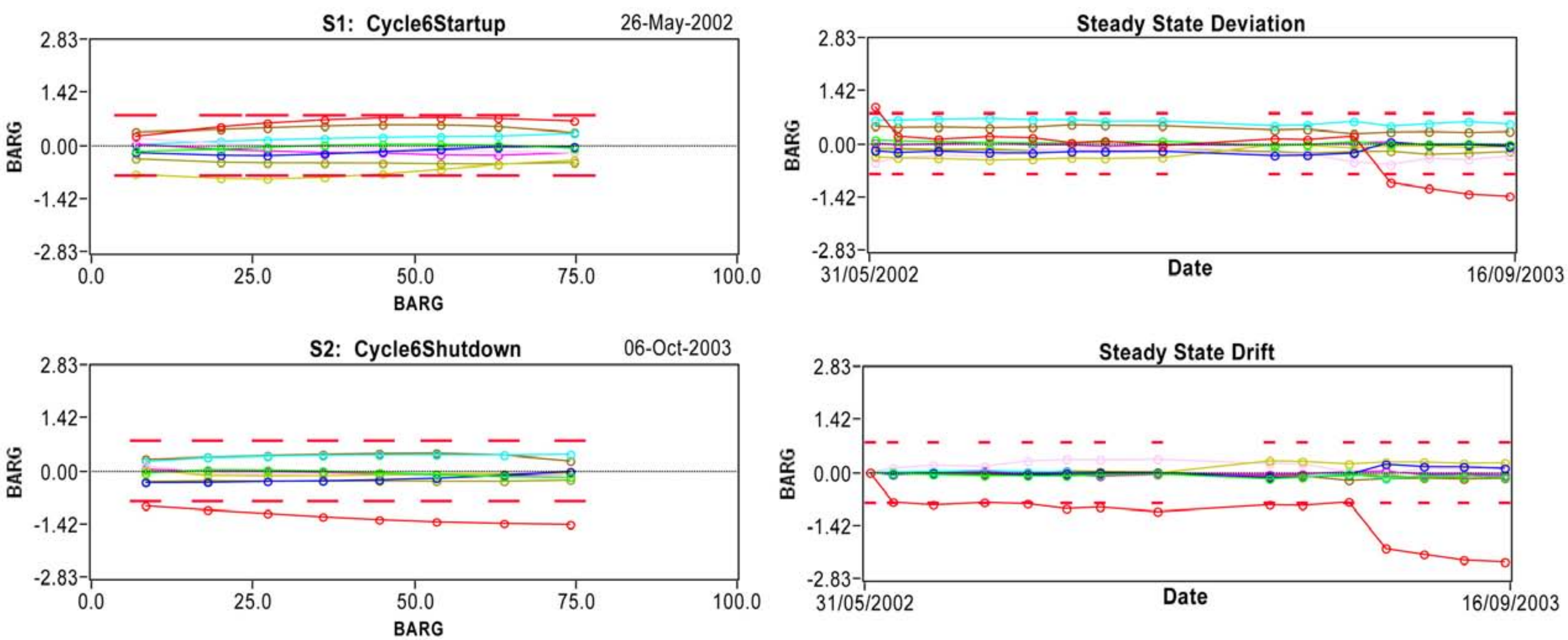


Figure B-4
Main Steam Pressure Loop 4 Summary Plot: Cycle 6

Cycle Summary

Group: STEAM GENERATOR A LEVEL WR **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final	
	1AE-L-0501-W	PPS																						
	1AE-L-0505-W	PPS																						

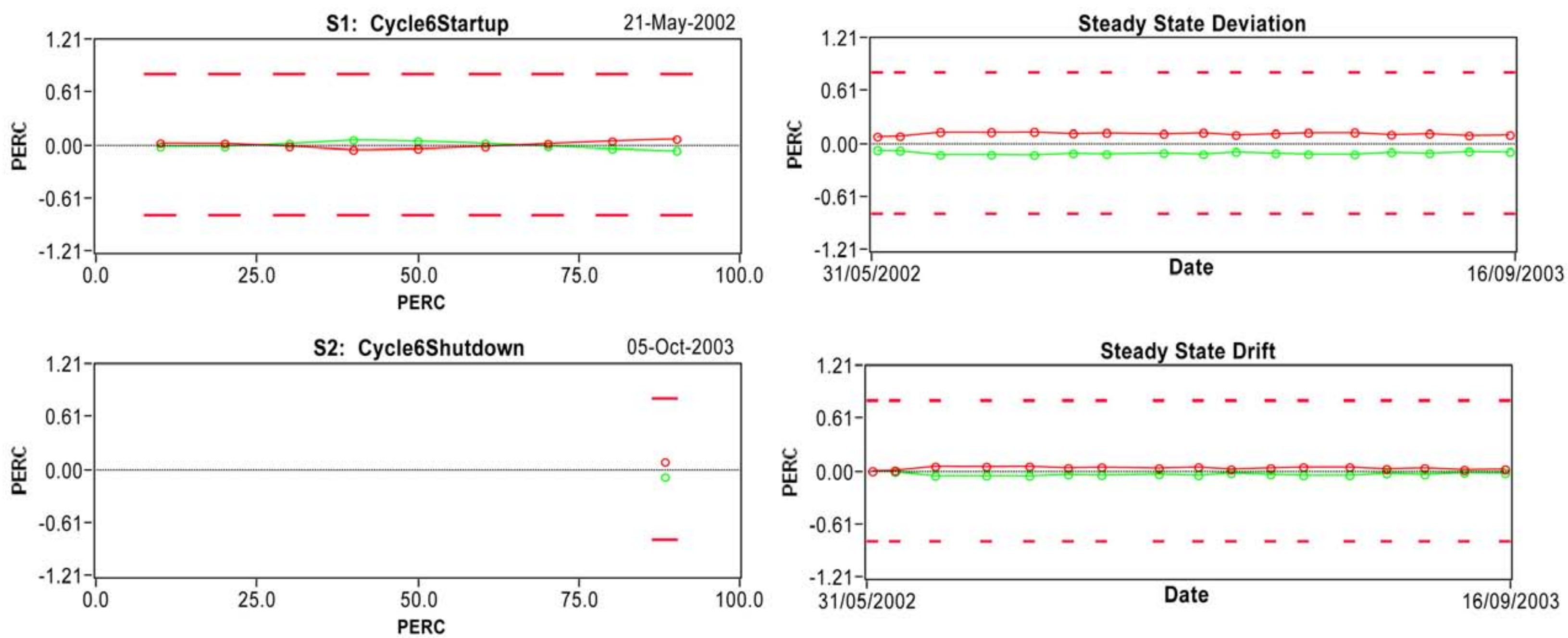


Figure B-5
SG A Level Wide-Range Summary Plot: Cycle 6

Cycle Summary

Group: STEAM GENERATOR B LEVEL WR **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final	
	1AE-L-0502-W	PPS																						
	1AE-L-0506-W	PPS																						

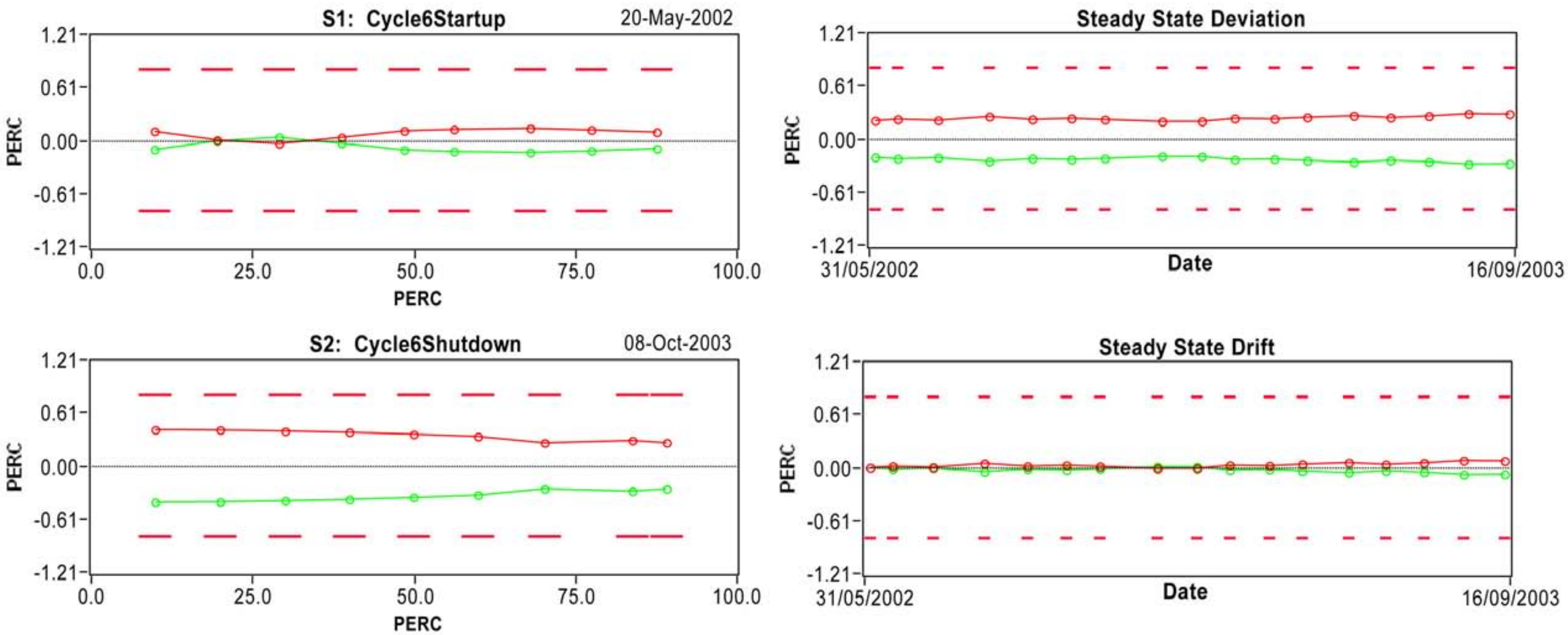


Figure B-6
SG B Level Wide-Range Summary Plot: Cycle 6

Cycle Summary

Group: STEAM GENERATOR C LEVEL WR **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final	
	1AE-L-0503-W	PPS																						
	1AE-L-0507-W	PPS																						

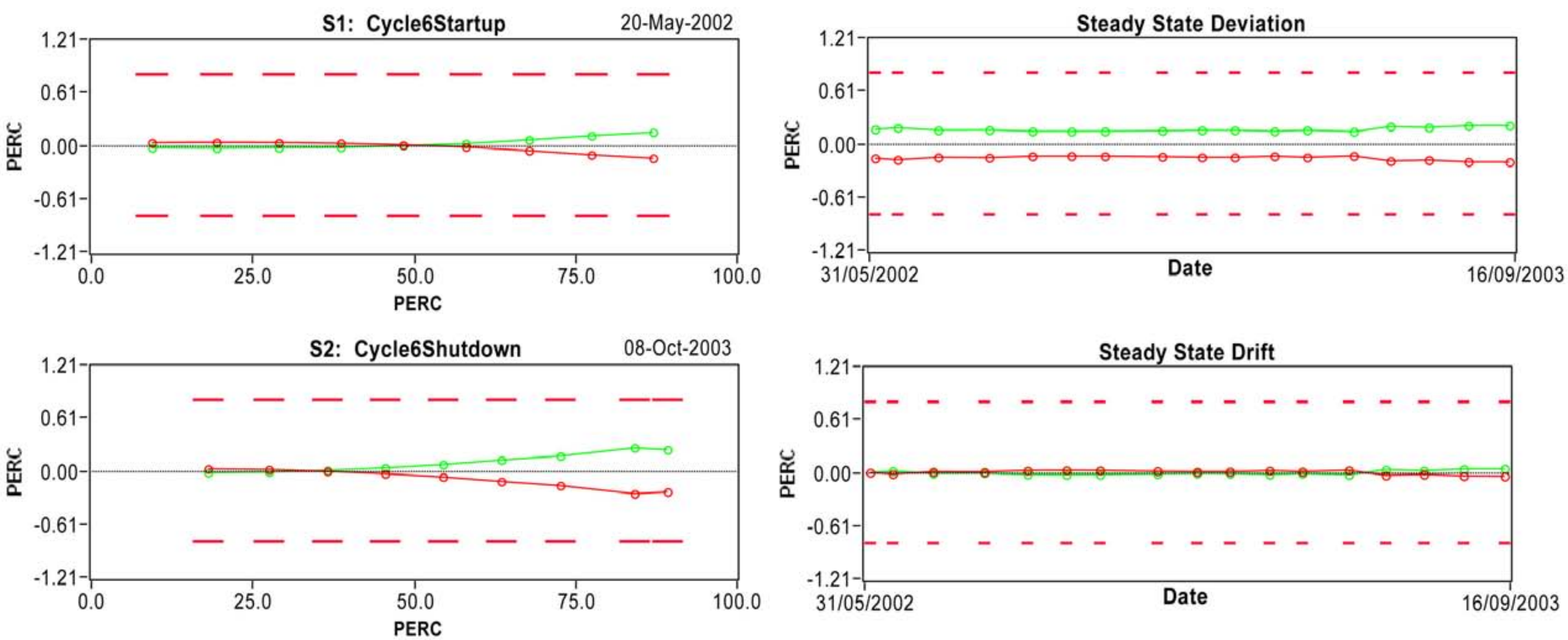


Figure B-7
SG C Level Wide-Range Summary Plot: Cycle 6

Cycle Summary

Group: STEAM GENERATOR D LEVEL WR **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final	
	1AE-L-0504-W	PPS																						
	1AE-L-0508-W	PPS																						

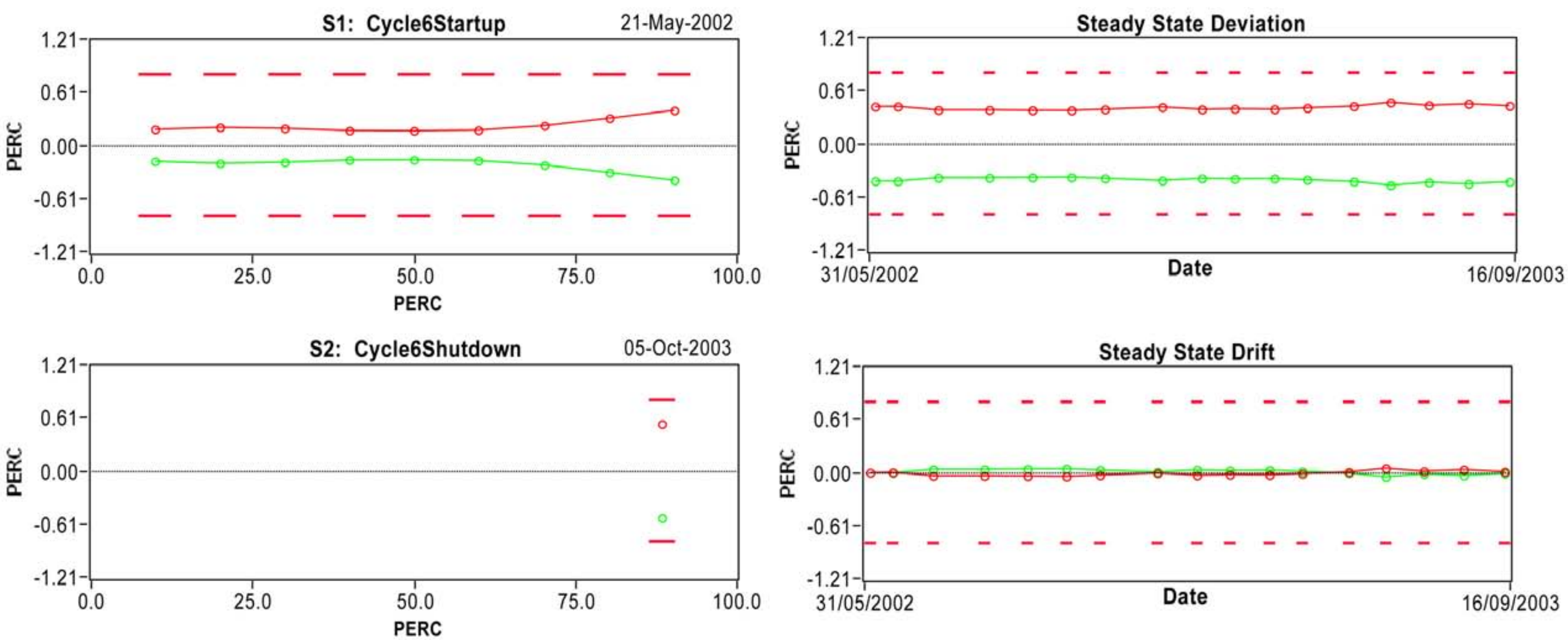


Figure B-8
SG D Level Wide-Range Summary Plot: Cycle 6

Cycle Summary

Group: STEAM GENERATOR A LEVEL NR **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final	
	1AE-L-0517-W	PPS																						
	1AE-L-0518-W	PPS																						
	1AE-L-0519-W	PPS																						
	1AE-L-0551-W	PPS																						
	1AE-L-0011-W	SPS																						
	1AE-L-0012-W	SPS																						
	1AE-L-0013-W	SPS																						
	1AE-L-0014-W	SPS																						

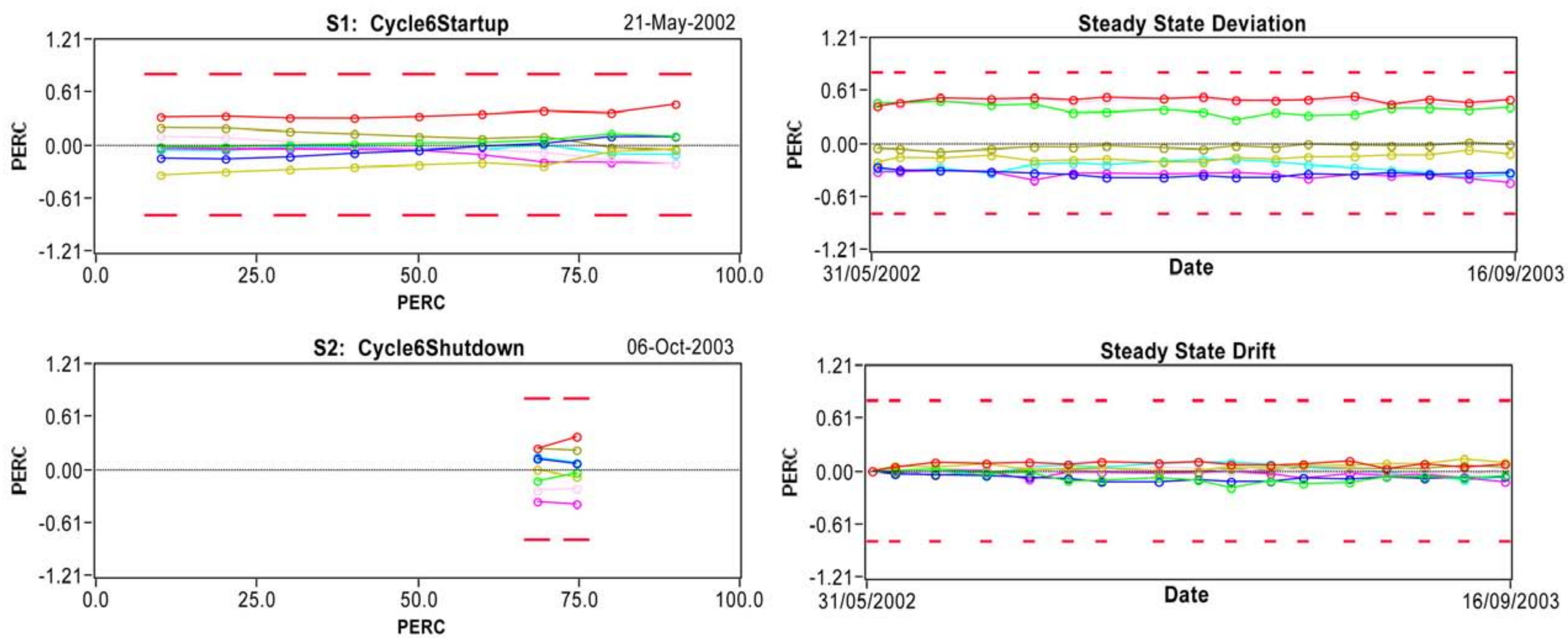
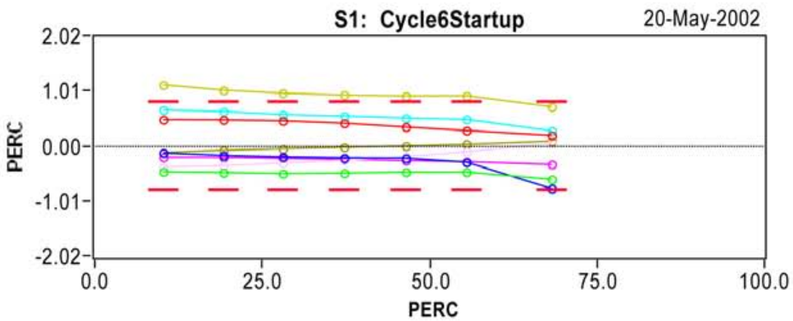


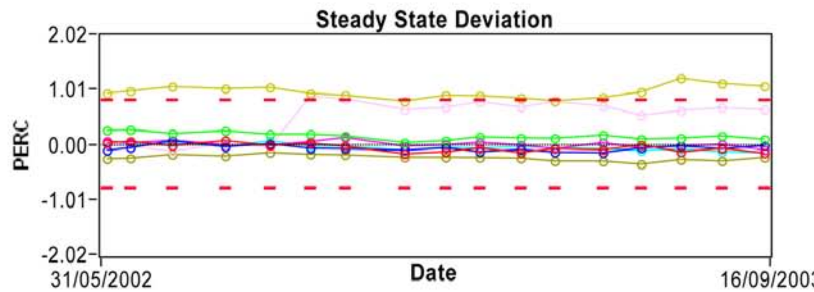
Figure B-9
SG A Level Narrow-Range Summary Plot: Cycle 6

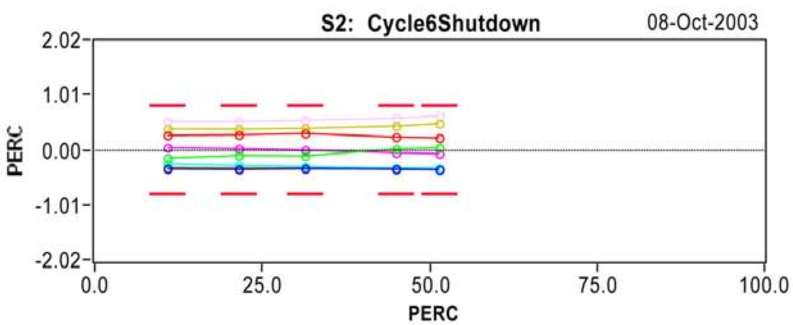
Cycle Summary

Group: STEAM GENERATOR B LEVEL NR **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final	
	1AE-L-0527-W	PPS																						
	1AE-L-0528-W	PPS																						
	1AE-L-0529-W	PPS																						
	1AE-L-0552-W	PPS	X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X			X	
	1AE-L-0021-W	SPS							X	X												X	X	
	1AE-L-0022-W	SPS																						
	1AE-L-0023-W	SPS																						
	1AE-L-0024-W	SPS																						







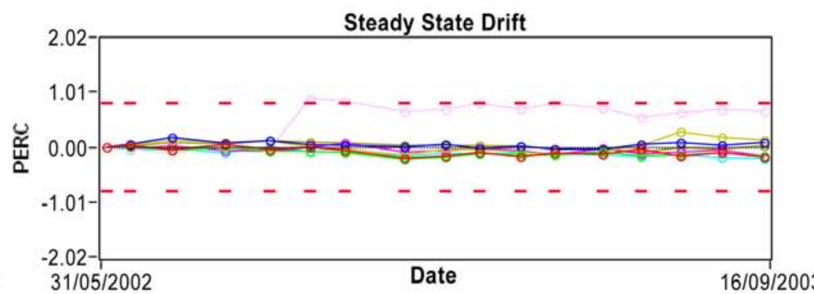


Figure B-10
SG B Level Narrow-Range Summary Plot: Cycle 6

Cycle Summary

Group: STEAM GENERATOR C LEVEL NR **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final	
	1AE-L-0537-W	PPS																						
	1AE-L-0538-W	PPS																						
	1AE-L-0539-W	PPS																						
	1AE-L-0553-W	PPS				X	X	X		X	X	X		X				X					X	
	1AE-L-0031-W	SPS																						
	1AE-L-0032-W	SPS																						
	1AE-L-0033-W	SPS																						
	1AE-L-0034-W	SPS																						

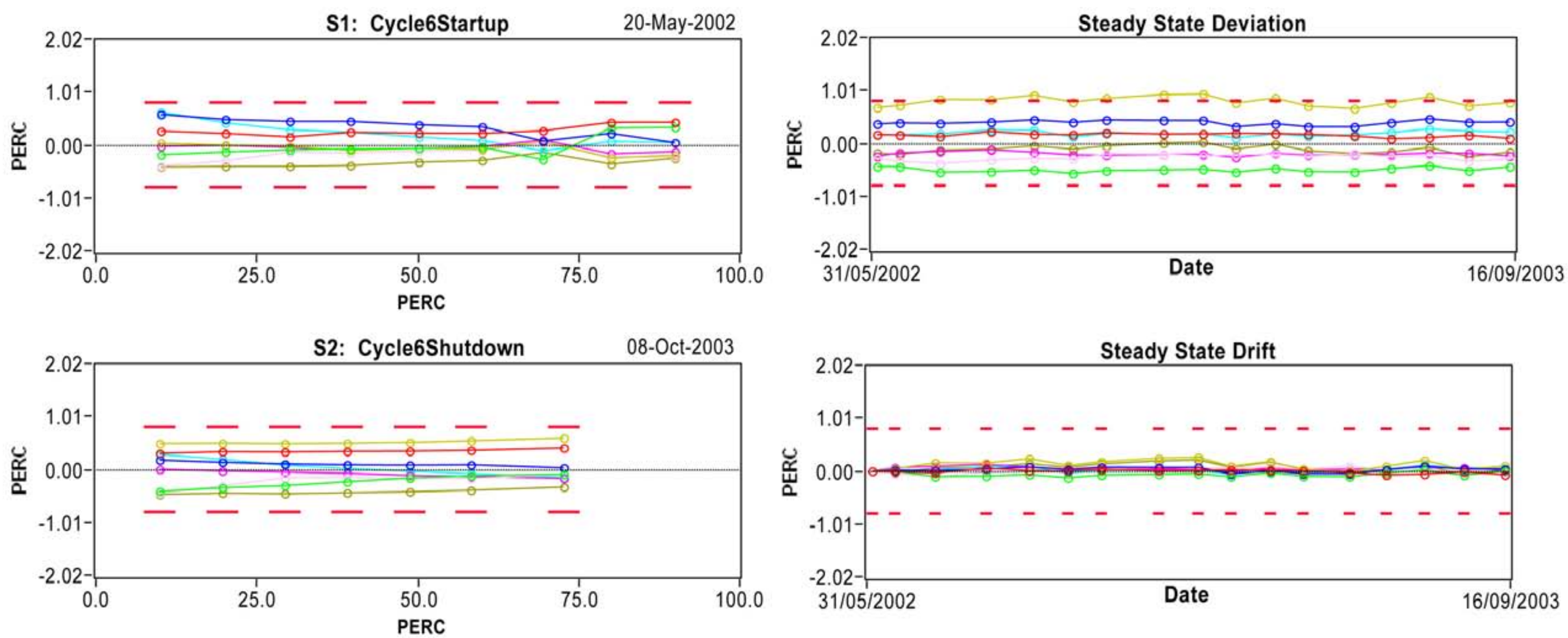


Figure B-11
SG C Level Narrow-Range Summary Plot: Cycle 6

Cycle Summary

Group: STEAM GENERATOR D LEVEL NR **Summary File:** Cycle6Summary **Test Engineer:** AMS

Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final
1AE-L-0547-W	PPS																					
1AE-L-0548-W	PPS																					
1AE-L-0549-W	PPS																					
1AE-L-0554-W	PPS										X	X	X						X			X
1AE-L-0041-W	SPS																					
1AE-L-0042-W	SPS																					
1AE-L-0043-W	SPS																					
1AE-L-0044-W	SPS																					

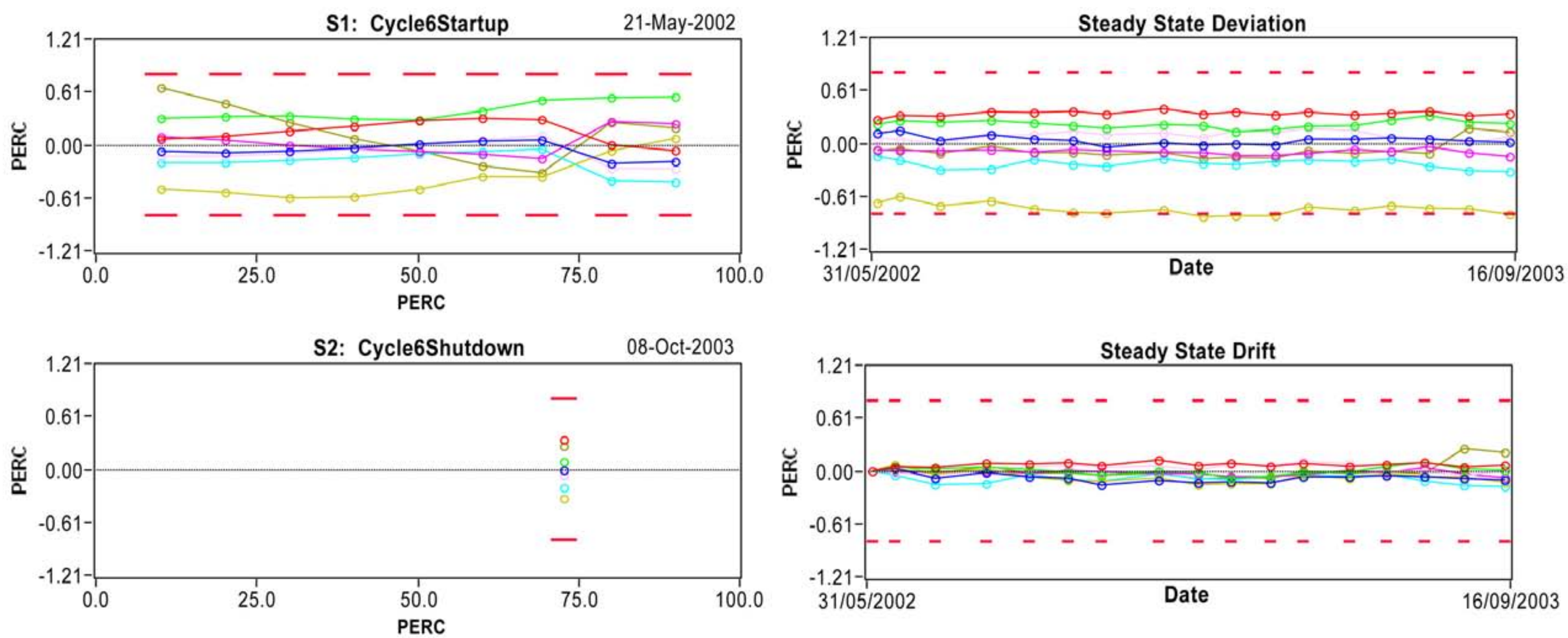


Figure B-12
SG D Level Narrow-Range Summary Plot: Cycle 6

Cycle Summary

Group: MAIN FEED FLOW TO SG A **Summary File:** Cycle6Summary **Test Engineer:** AMS

Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final
1AE-F-0515A-W	PPS																			X		X
1AE-F-0515B-W	PPS	X	X					X	X				X	X	X	X	X	X	X	X		X
1AE-F-0515C-W	PPS																			X	X	X
1AE-F-0515D-W	PPS	X																		X		X

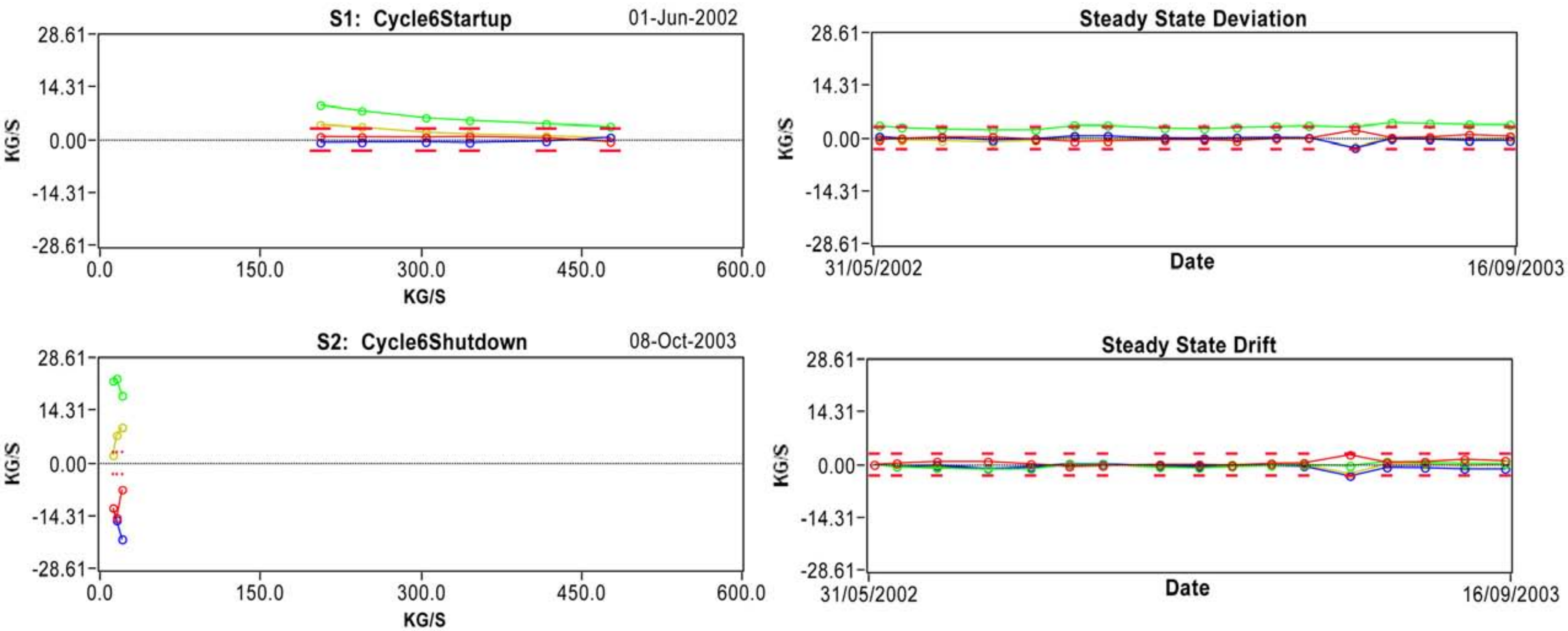


Figure B-13
Main Feed Flow to SG A Summary Plot: Cycle 6

Cycle Summary

Group: MAIN FEED FLOW TO SG B **Summary File:** Cycle6Summary **Test Engineer:** AMS

Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final
1AE-F-0525A-W	PPS																			X		X
1AE-F-0525B-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X
1AE-F-0525C-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X
1AE-F-0525D-W	PPS																			X		X

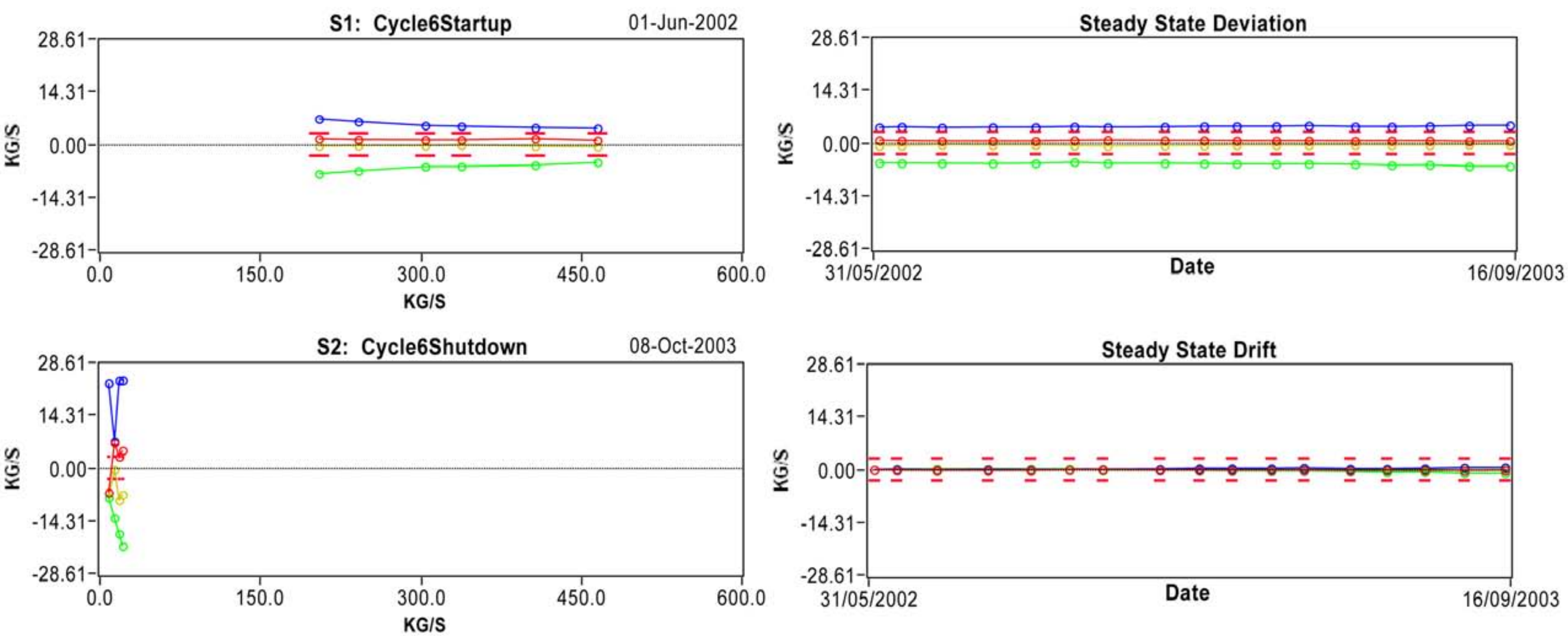


Figure B-14
Main Feed Flow to SG B Summary Plot: Cycle 6

Cycle Summary

Group: MAIN FEED FLOW TO SG C **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final	
	1AE-F-0535A-W	PPS																			X		X	
	1AE-F-0535B-W	PPS																			X		X	
	1AE-F-0535C-W	PPS	X	X			X		X	X	X	X	X	X	X	X	X	X	X	X	X		X	
	1AE-F-0535D-W	PPS	X																		X		X	

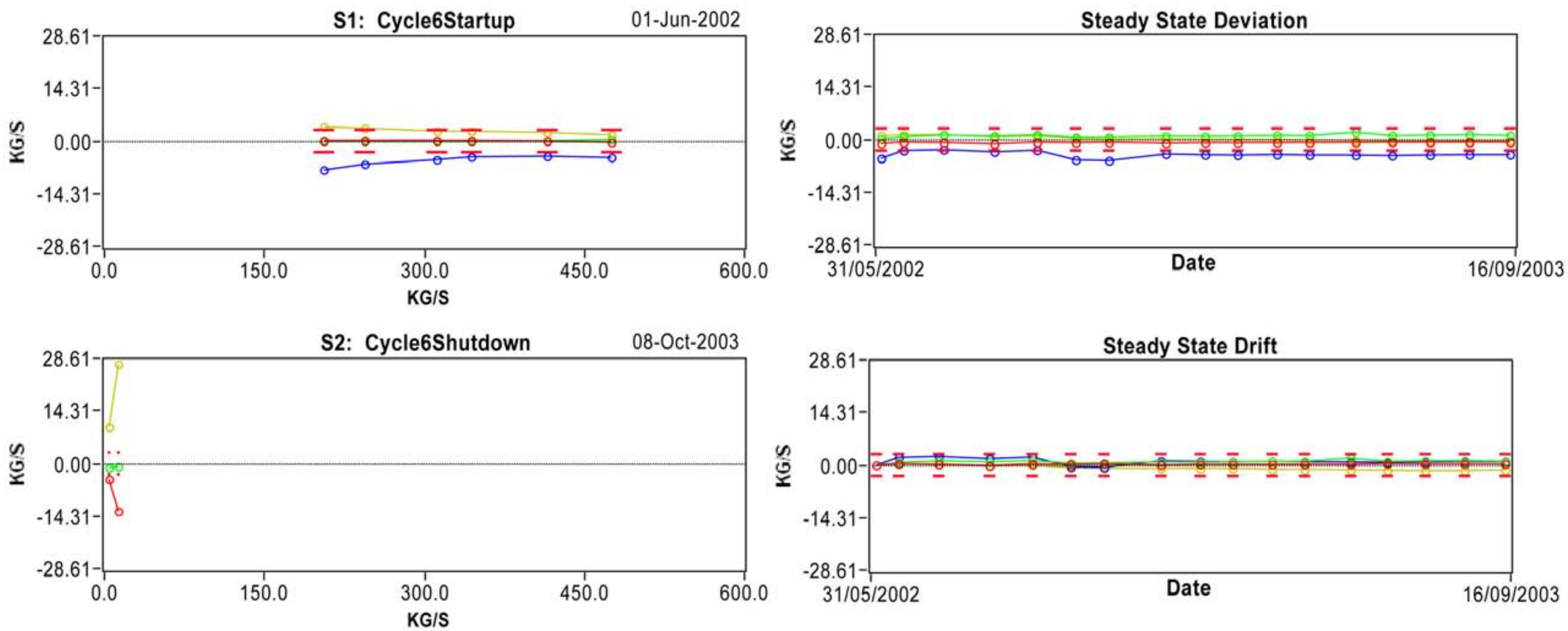


Figure B-15
Main Feed Flow to SG C Summary Plot: Cycle 6

Cycle Summary

Group: MAIN FEED FLOW TO SG D **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final	
	1AE-F-0545A-W	PPS	X																		X		X	
	1AE-F-0545B-W	PPS	X																		X		X	
	1AE-F-0545C-W	PPS	X																		X		X	
	1AE-F-0545D-W	PPS	X																		X		X	

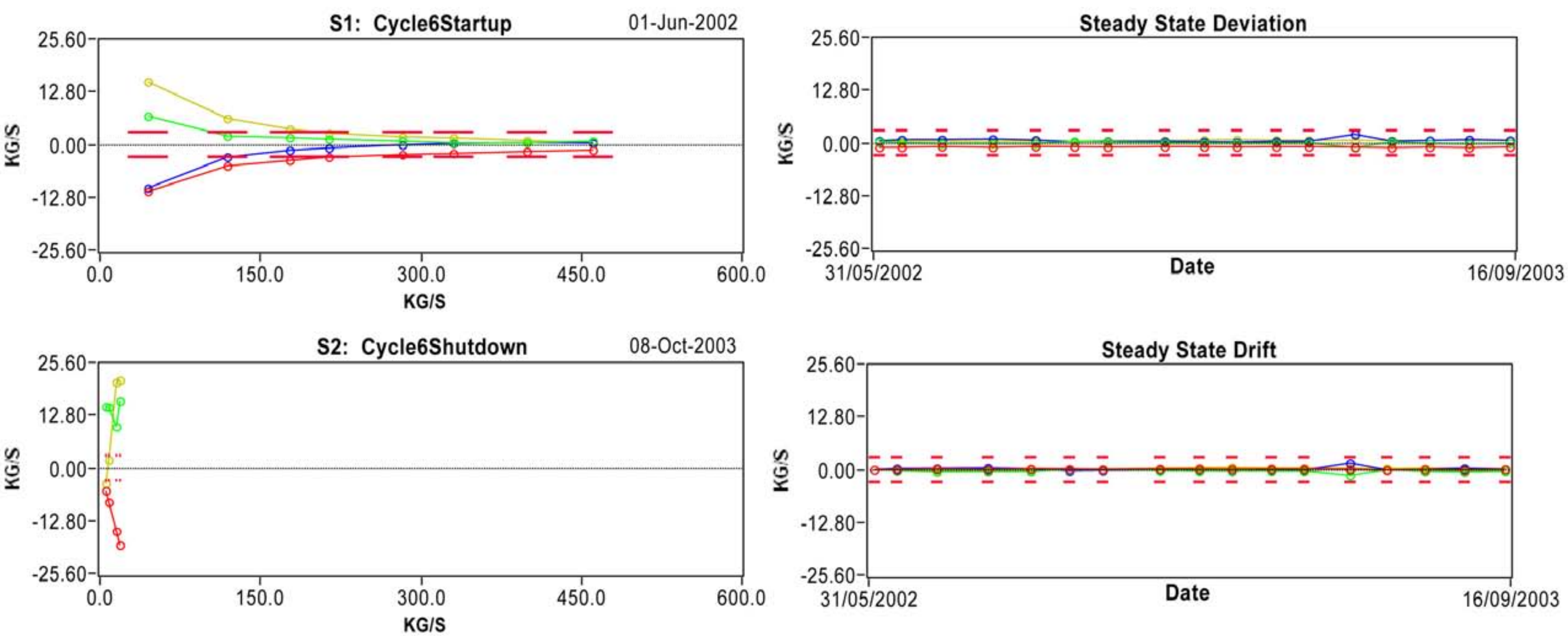
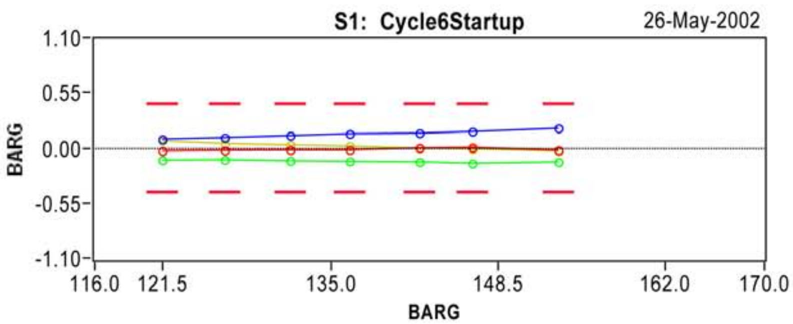


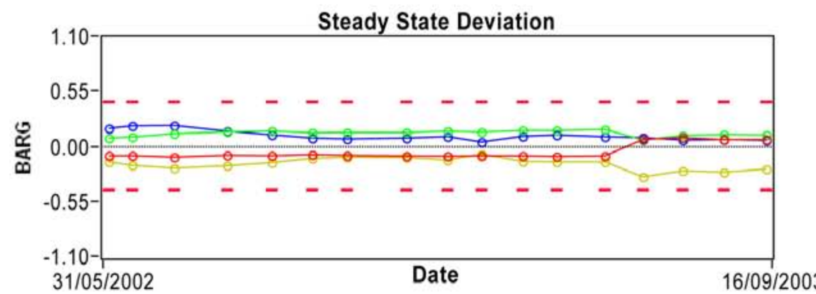
Figure B-16
Main Feed Flow to SG D Summary Plot: Cycle 6

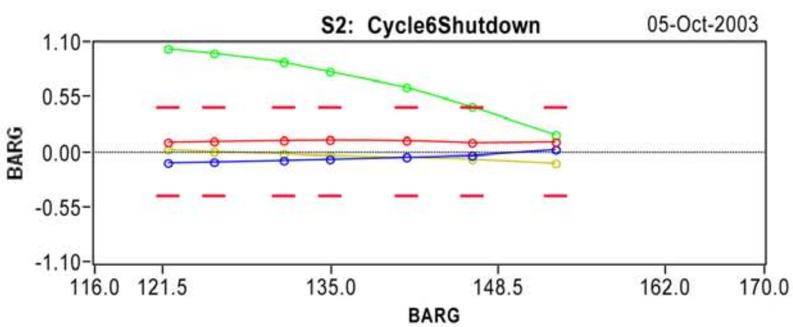
Cycle Summary

Group: PRESSURISER PRESSURE **Summary File:** Cycle6Summary **Test Engineer:** AMS

Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final
1BB-P-0455-W	PPS																					
1BB-P-0456-W	PPS																			X		X
1BB-P-0457-W	PPS																					
1BB-P-0458-W	PPS																					







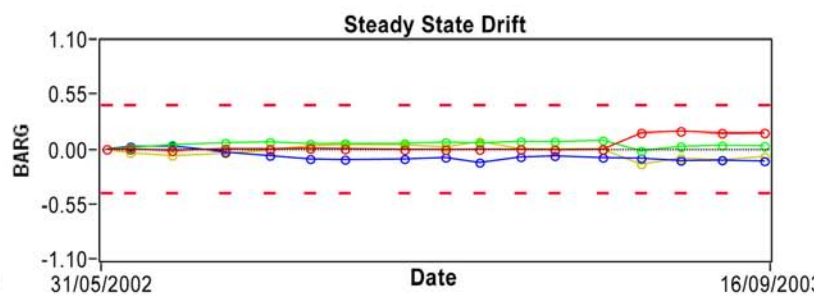


Figure B-17
Pressurizer Pressure Summary Plot: Cycle 6

Cycle Summary

Group: PRESSURISER LEVEL **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	25 Jan 2003	S2	Drift	Final									
	1BB-L-0465-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X									
	1BB-L-0466-W	PPS																						
	1BB-L-0467-W	PPS																						
	1BB-L-0468-W	PPS																						

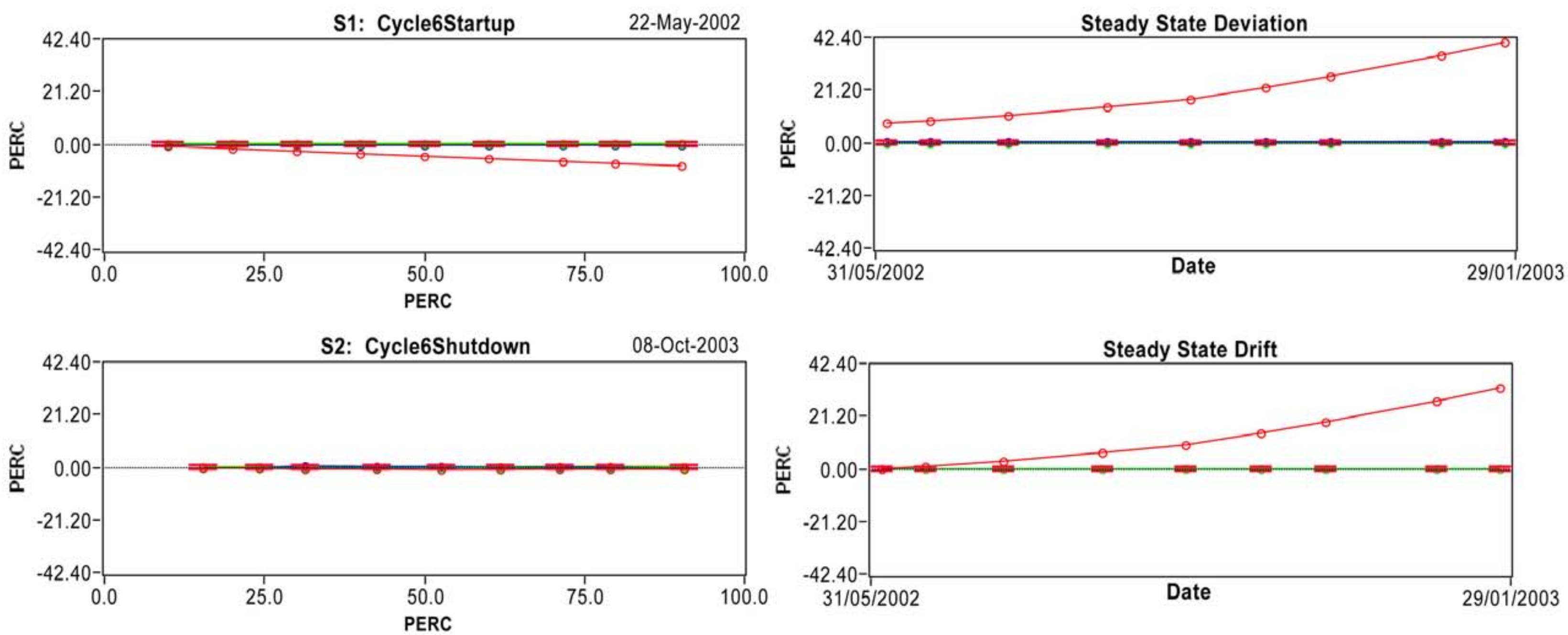


Figure B-18
Pressurizer Level Summary Plot: Cycle 6

Cycle Summary

Group: RCS PRESSURE NR PPS **Summary File:** Cycle6Summary **Test Engineer:** AMS

Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final
1BB-P-0406-W	PPS																					
1BB-P-0407-W	PPS																			X		X
1BB-P-0408-W	PPS																			X		X
1BB-P-0409-W	PPS																					

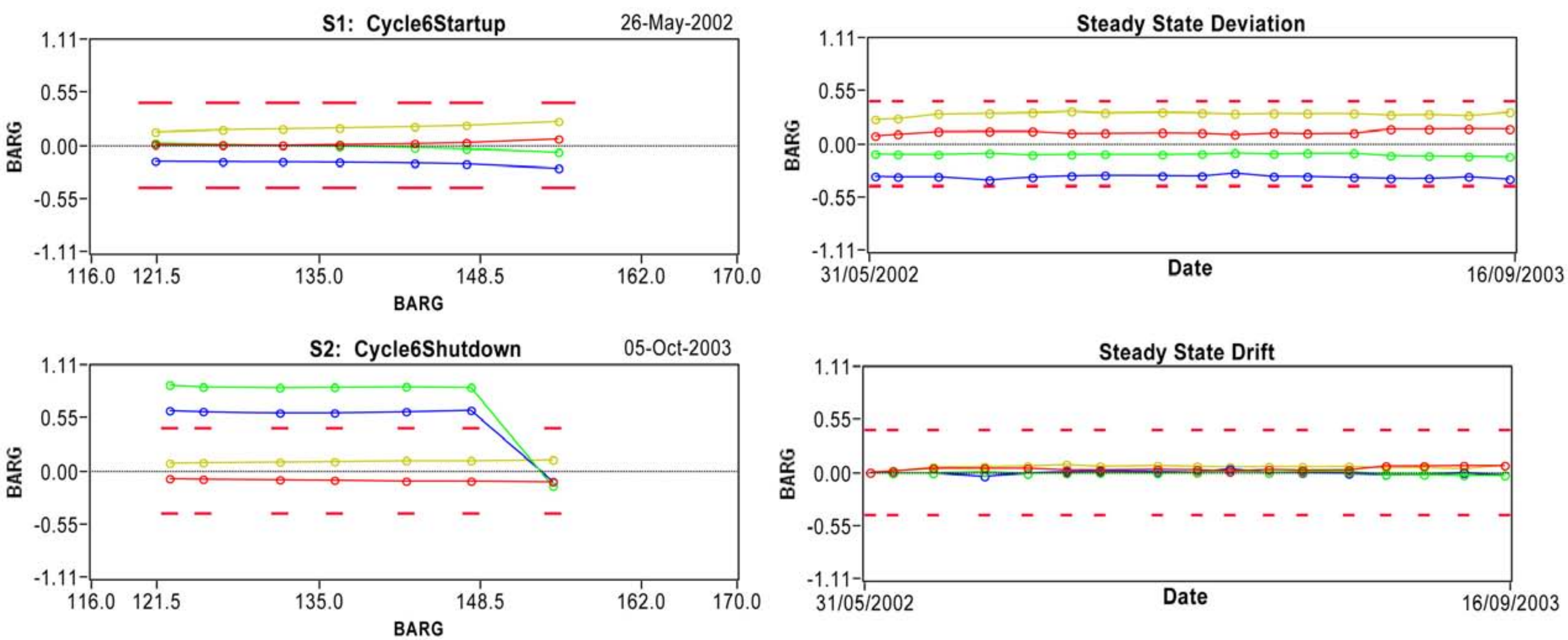


Figure B-19
RCS Pressure Narrow-Range PPS Summary Plot: Cycle 6

Cycle Summary

Group: RCS PRESSURE WR PPS **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final	
	1BB-P-0401-W	PPS																						
	1BB-P-0402-W	PPS																						
	1BB-P-0403-W	PPS																			X		X	
	1BB-P-0404-W	PPS																						

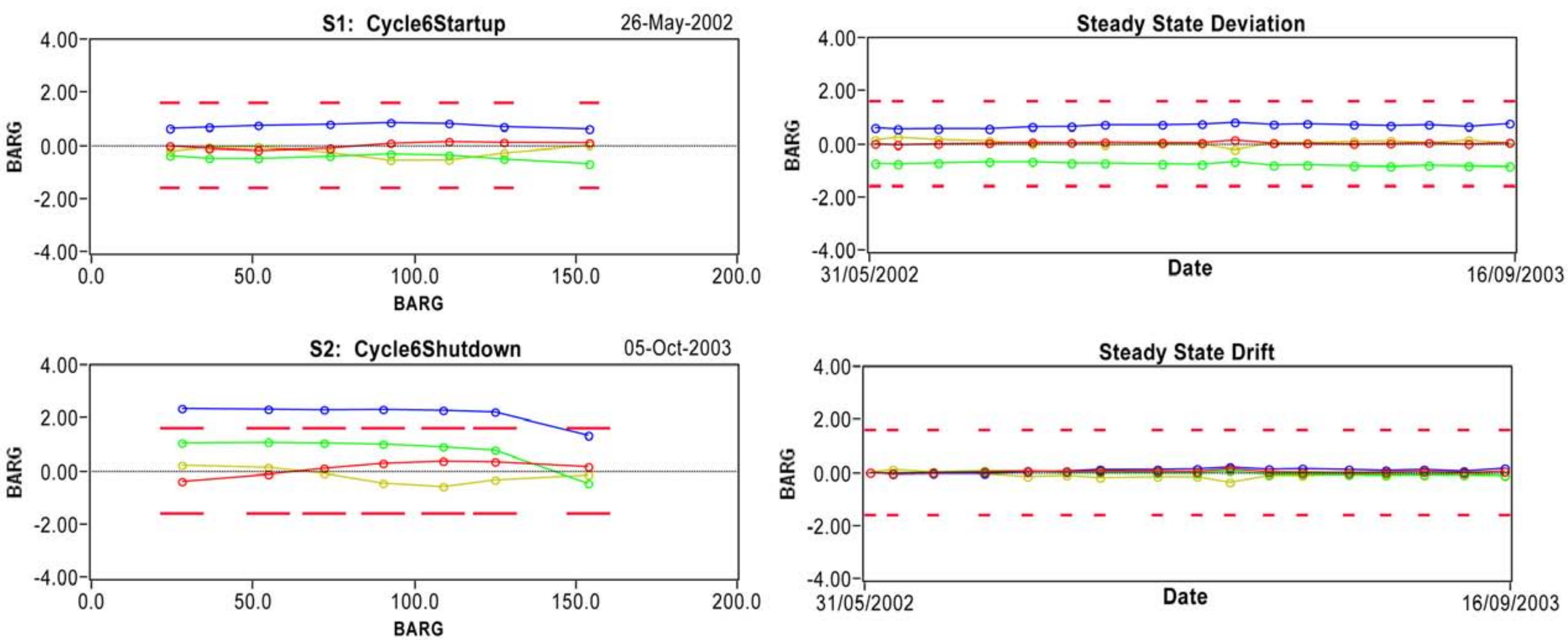


Figure B-20
RCS Pressure Wide-Range PPS Summary Plot: Cycle 6

Cycle Summary

Group: RCS FLOW LOOP 1 **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final	
	1BB-F-0416-W	PPS																			X		X	
	1BB-F-0417-W	PPS																			X		X	
	1BB-F-0418-W	PPS																						
	1BB-F-0419-W	PPS																			X		X	

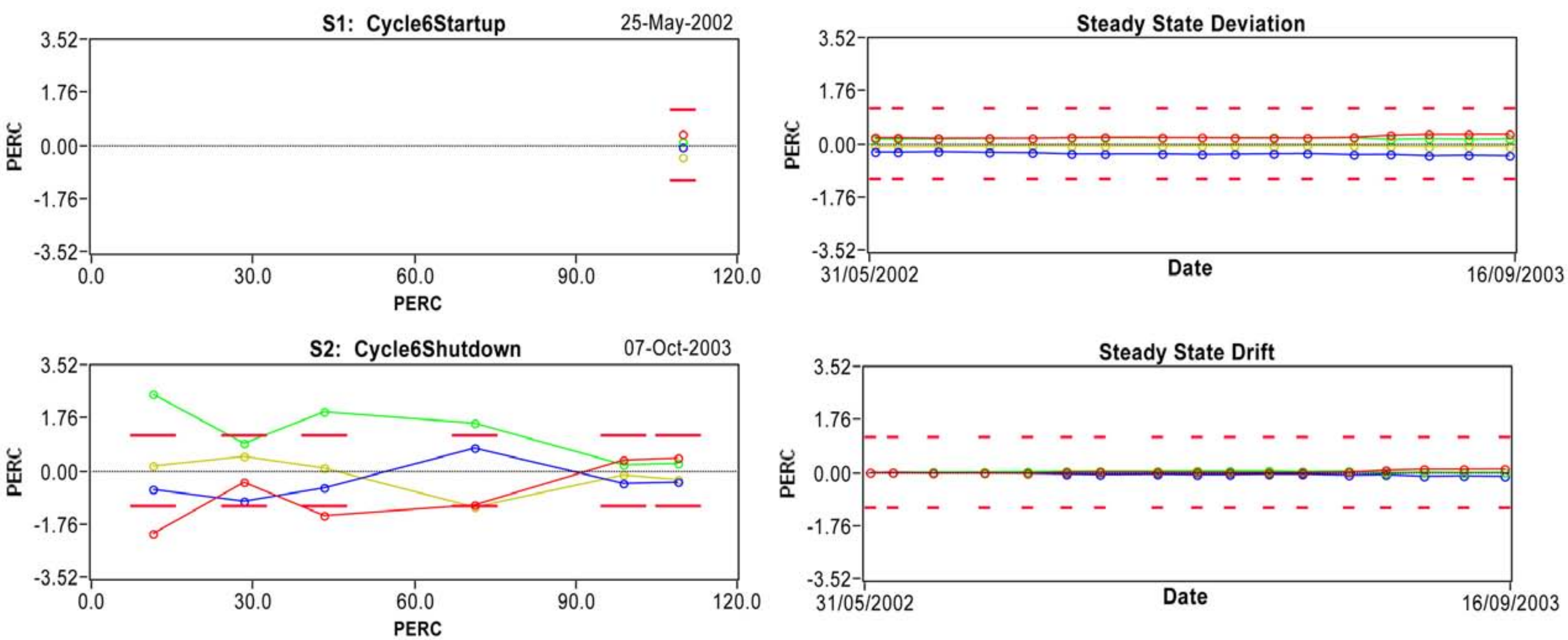


Figure B-21
RCS Flow Loop 1 Summary Plot: Cycle 6

Cycle Summary

Group: RCS FLOW LOOP 2 **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final	
	1BB-F-0426-W	PPS																			X		X	
	1BB-F-0427-W	PPS																						
	1BB-F-0428-W	PPS																						
	1BB-F-0429-W	PPS																			X		X	

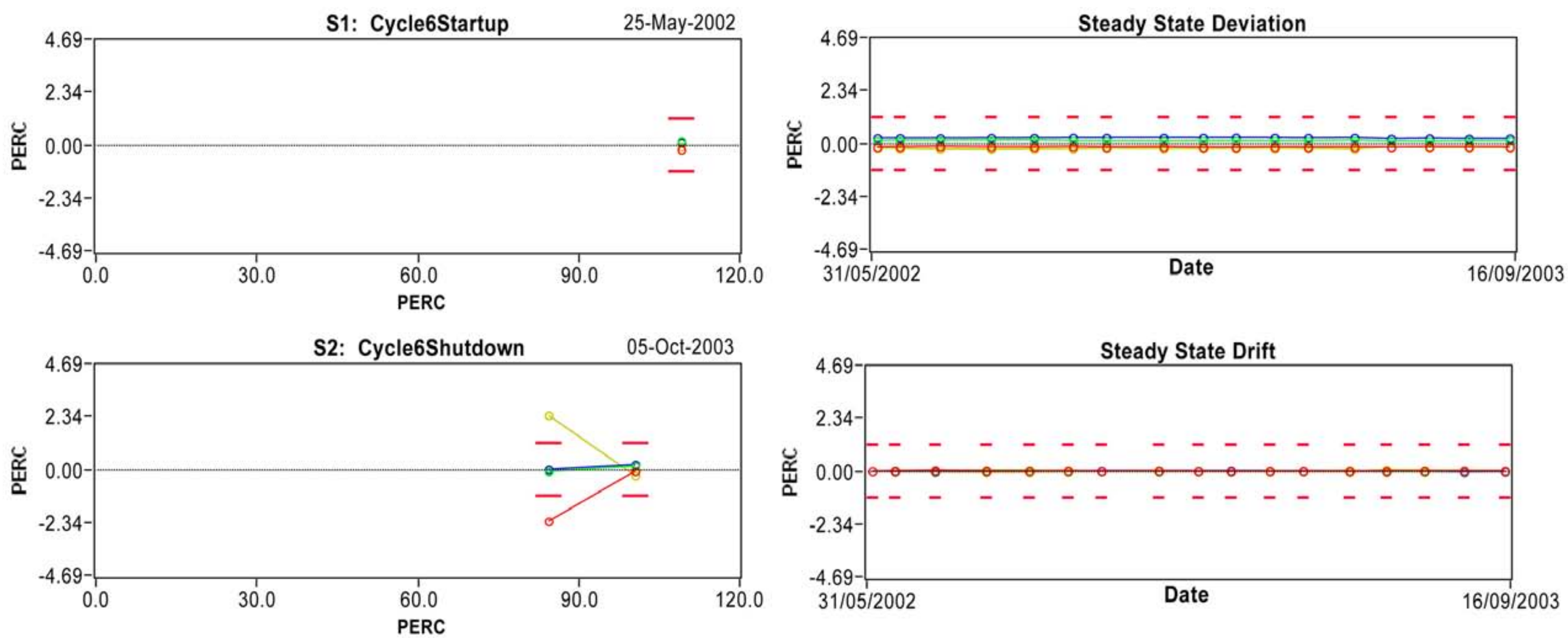
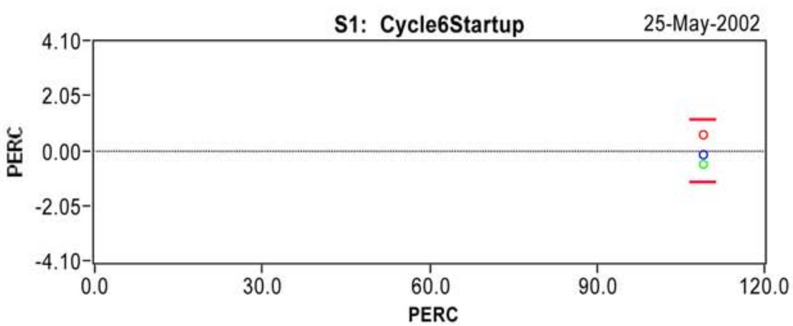


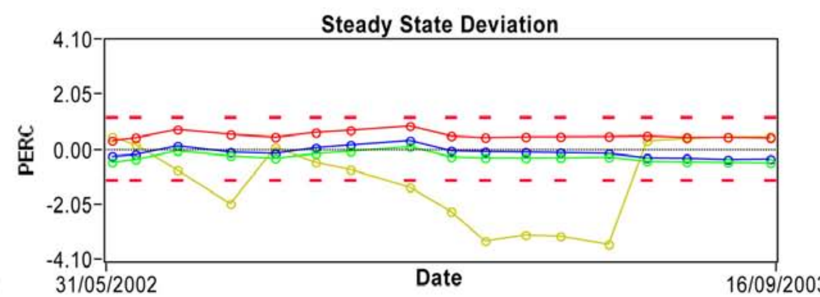
Figure B-22
RCS Flow Loop 2 Summary Plot: Cycle 6

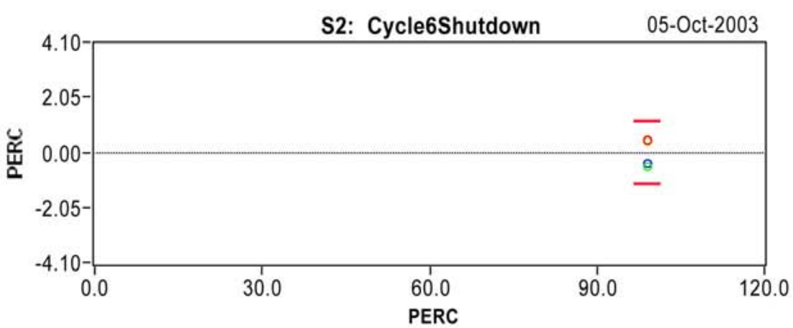
Cycle Summary

Group: RCS FLOW LOOP 3 **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final	
	1BB-F-0436-W	PPS																						
	1BB-F-0437-W	PPS																						
	1BB-F-0438-W	PPS																						
	1BB-F-0439-W	PPS	X				X				X	X	X	X	X	X						X	X	







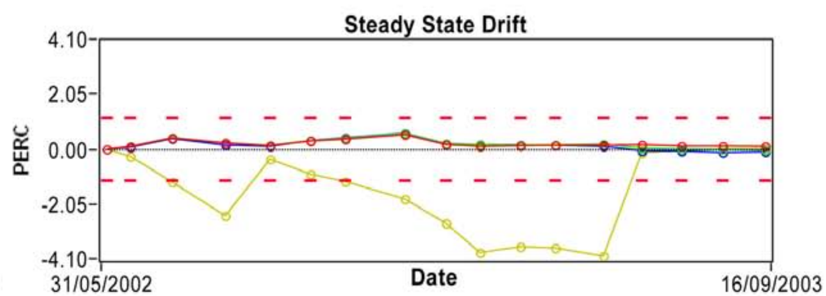


Figure B-23
RCS Flow Loop 3 Summary Plot: Cycle 6

Cycle Summary

Group: RCS FLOW LOOP 4 **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final	
	1BB-F-0446-W	PPS																						
	1BB-F-0447-W	PPS																						
	1BB-F-0448-W	PPS																						
	1BB-F-0449-W	PPS																						

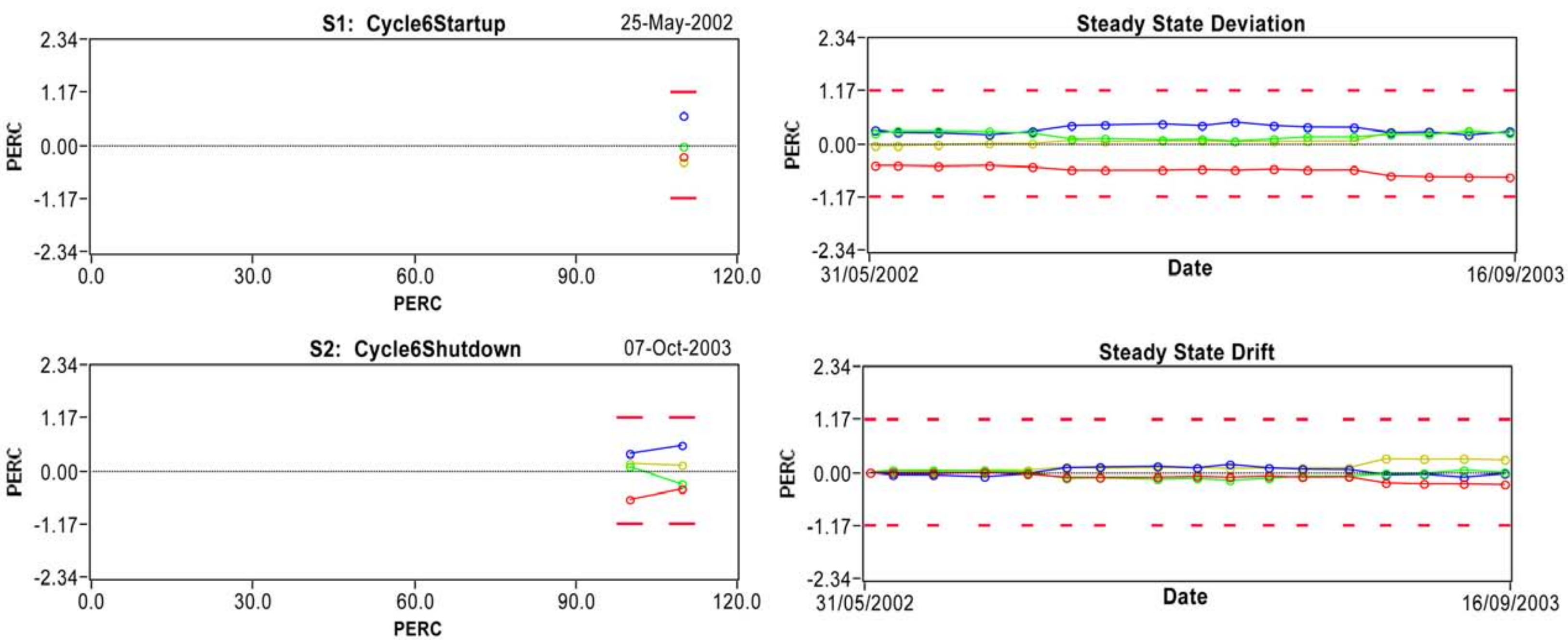


Figure B-24
RCS Flow Loop 4 Summary Plot: Cycle 6

Cycle Summary

Group: RCS PRESSURE WR SPS **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final	
	1BB-P-0411-W	SPS																						
	1BB-P-0421-W	SPS																			X		X	
	1BB-P-0431-W	SPS																						
	1BB-P-0441-W	SPS																			X		X	

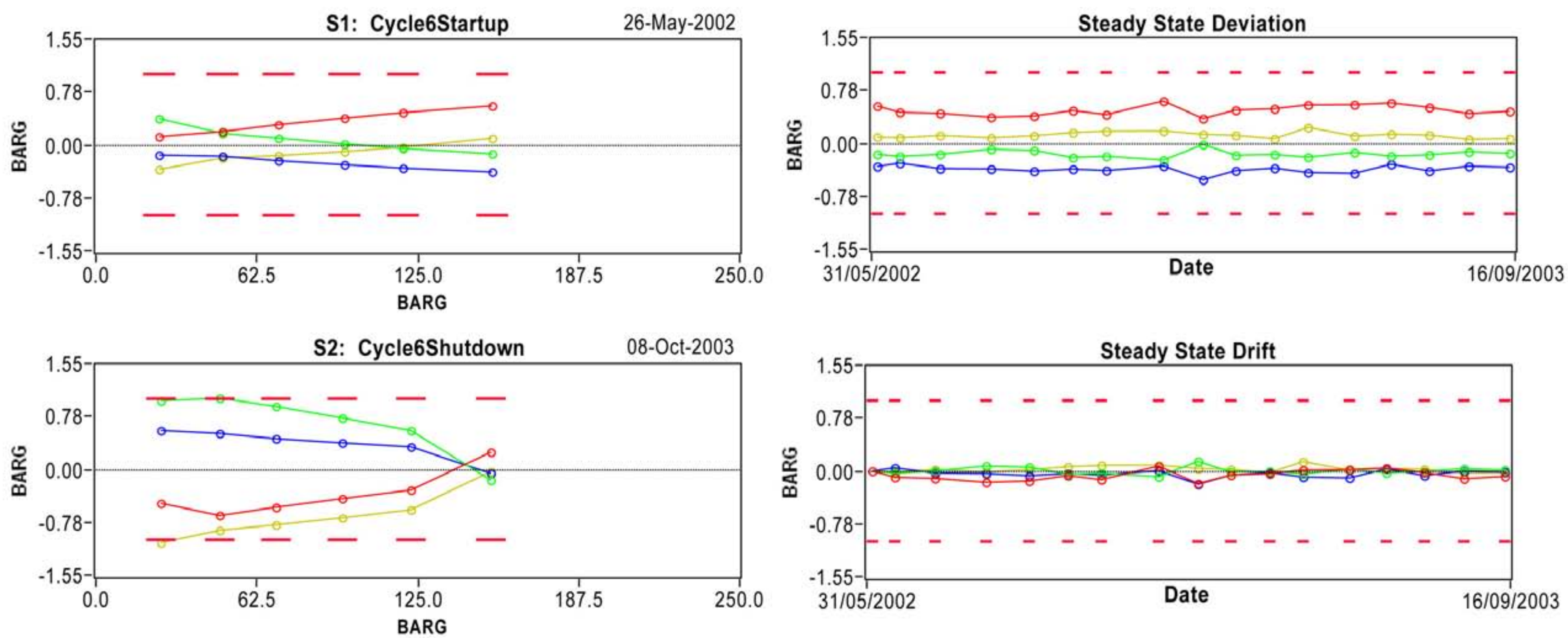


Figure B-25
RCS Pressure Wide-Range SPS Summary Plot: Cycle 6

Cycle Summary

Group: RCS PRESSURE NR SPS **Summary File:** Cycle6Summary **Test Engineer:** AMS

Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final
1BB-P-0412-W	SPS								X		X			X						X		X
1BB-P-0422-W	SPS																			X		X
1BB-P-0432-W	SPS																			X		X
1BB-P-0442-W	SPS																			X		X

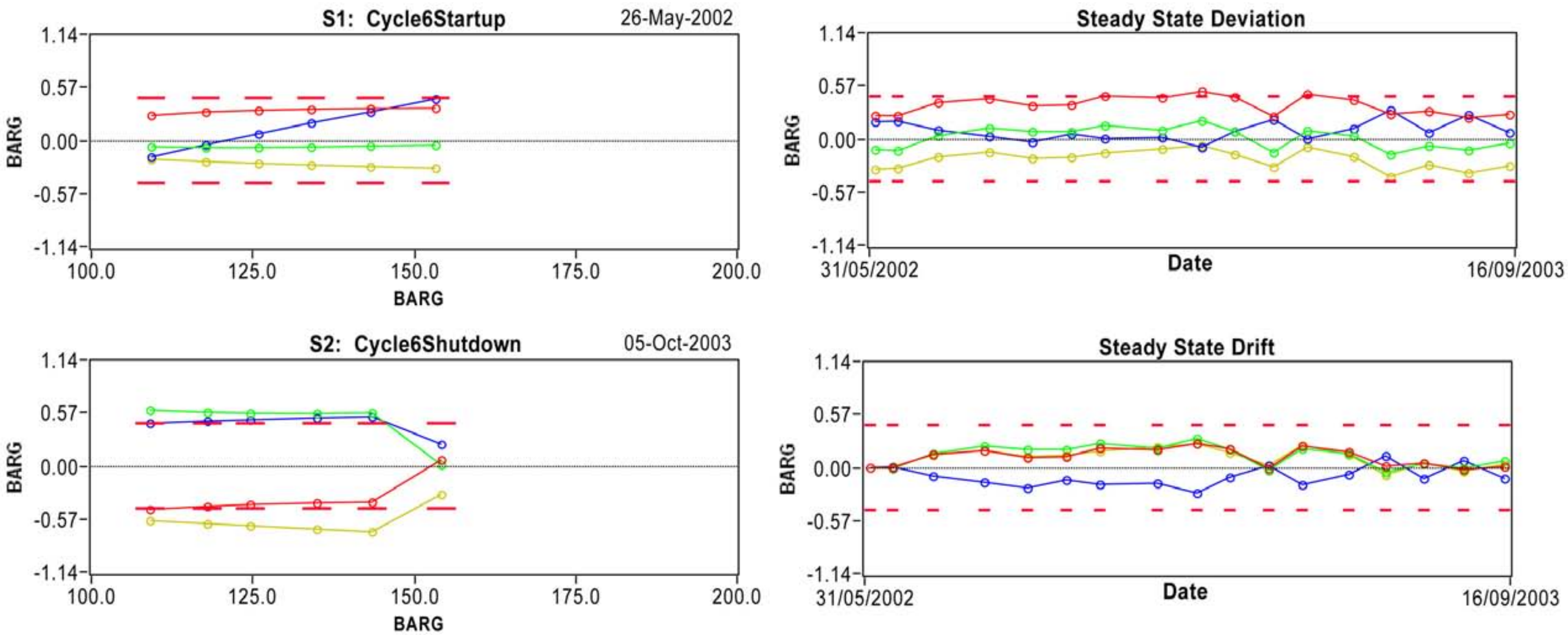


Figure B-26
RCS Pressure Narrow-Range SPS Summary Plot: Cycle 6

Cycle Summary

Group: CVCS VOLUME CONTROL TANK LEVEL **Summary File:** Cycle6Summary **Test Engineer:** AMS

Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final
1BG-L-0142-W	PPS						X	X	X	X	X	X	X		X	X				X	X	X
1BG-L-0143-W	PPS	X	X	X	X	X	X	X	X	X	X	X		X	X	X				X	X	X
1BG-L-0144-W	PPS												X		X	X		X	X	X	X	X
1BG-L-0145-W	PPS	X	X	X	X								X	X	X	X	X	X	X	X	X	X
1BG-L-0149A-W	PFM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

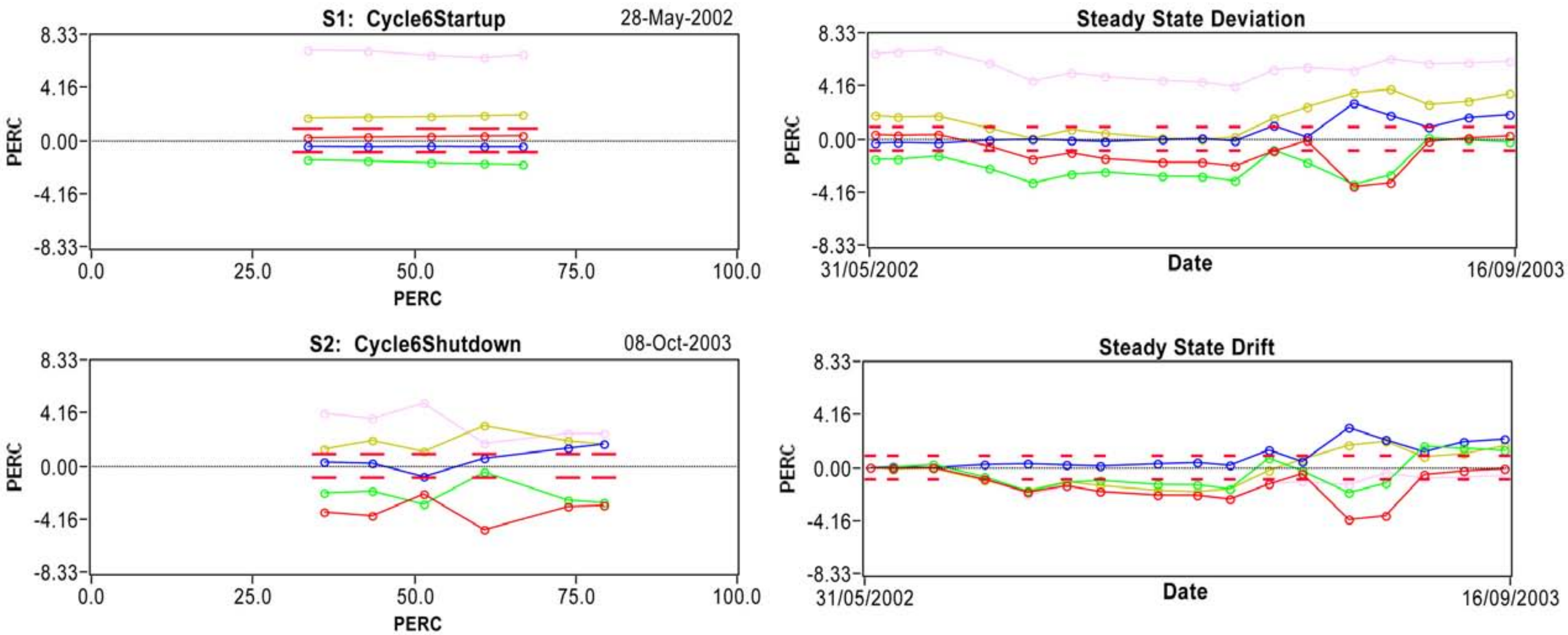
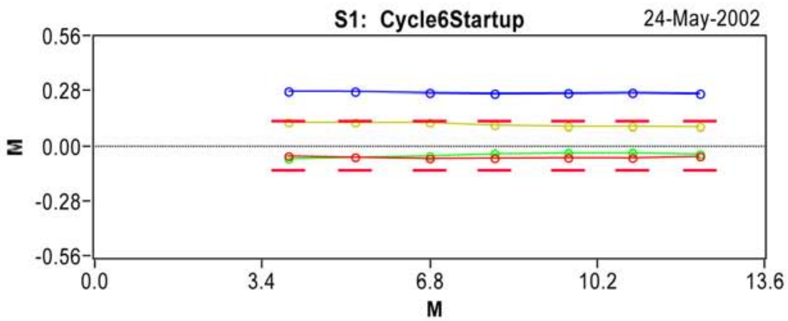


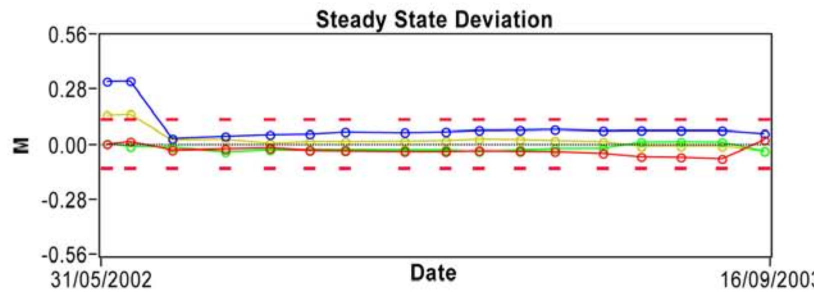
Figure B-27
CVCS Volume Control Tank Level Summary Plot: Cycle 6

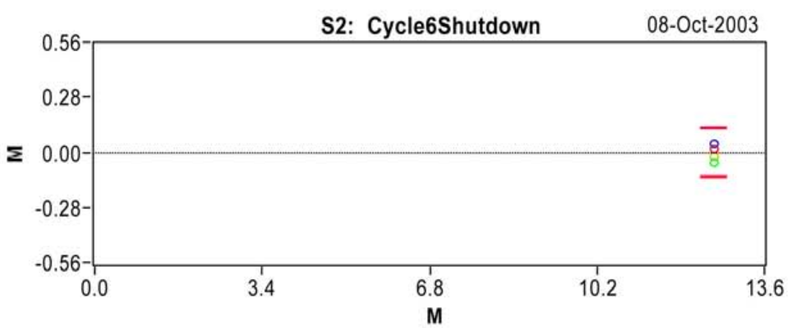
Cycle Summary

Group: RWST LEVEL A **Summary File:** Cycle6Summary **Test Engineer:** AMS

Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	25 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final
1BN-L-0930-W	PPS																					
1BN-L-0931-W	PPS																					
1BN-L-0932-W	PPS	X	X	X																	X	X
1BN-L-0933-W	PPS		X	X																	X	X







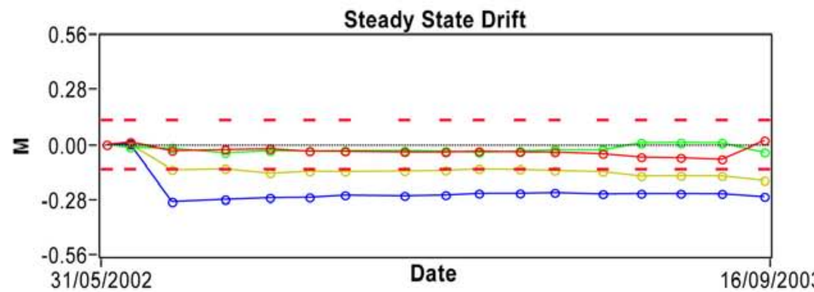


Figure B-28
RWST Level A Summary Plot: Cycle 6

Cycle Summary

Group: RWST LEVEL B **Summary File:** Cycle6Summary **Test Engineer:** AMS

Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	25 Oct 2002	19 Nov 2002	31 Dec 2002	29 Jan 2003	22 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final
1BN-L-0940-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X								X	X
1BN-L-0941-W	PPS	X	X	X								X	X	X	X						X	X
1BN-L-0942-W	PPS	X	X	X					X		X			X	X	X	X	X	X	X	X	X
1BN-L-0943-W	PPS	X	X	X												X	X	X	X	X	X	X

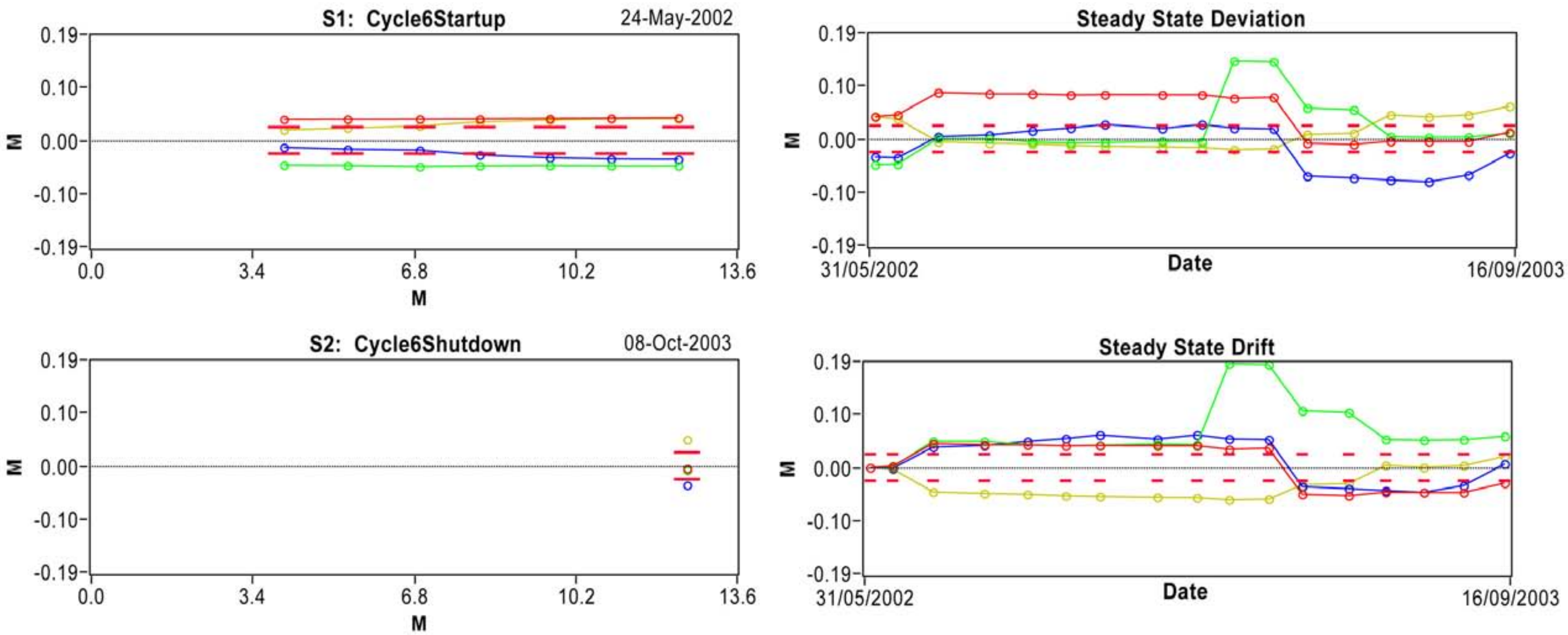


Figure B-29
RWST Level B Summary Plot: Cycle 6

Cycle Summary

Group: ESW TRAIN A FLOW **Summary File:** Cycle6Summary **Test Engineer:** AMS

Tag	Name	S1	05 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	27 Jan 2003	21 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final
1EF-F-0186A-W	PPS	X		X							X	X	X								X	X
1EF-F-0186B-W	PPS																					
1EF-F-0186C-W	PPS																					
1EF-F-0186D-W	PPS																					

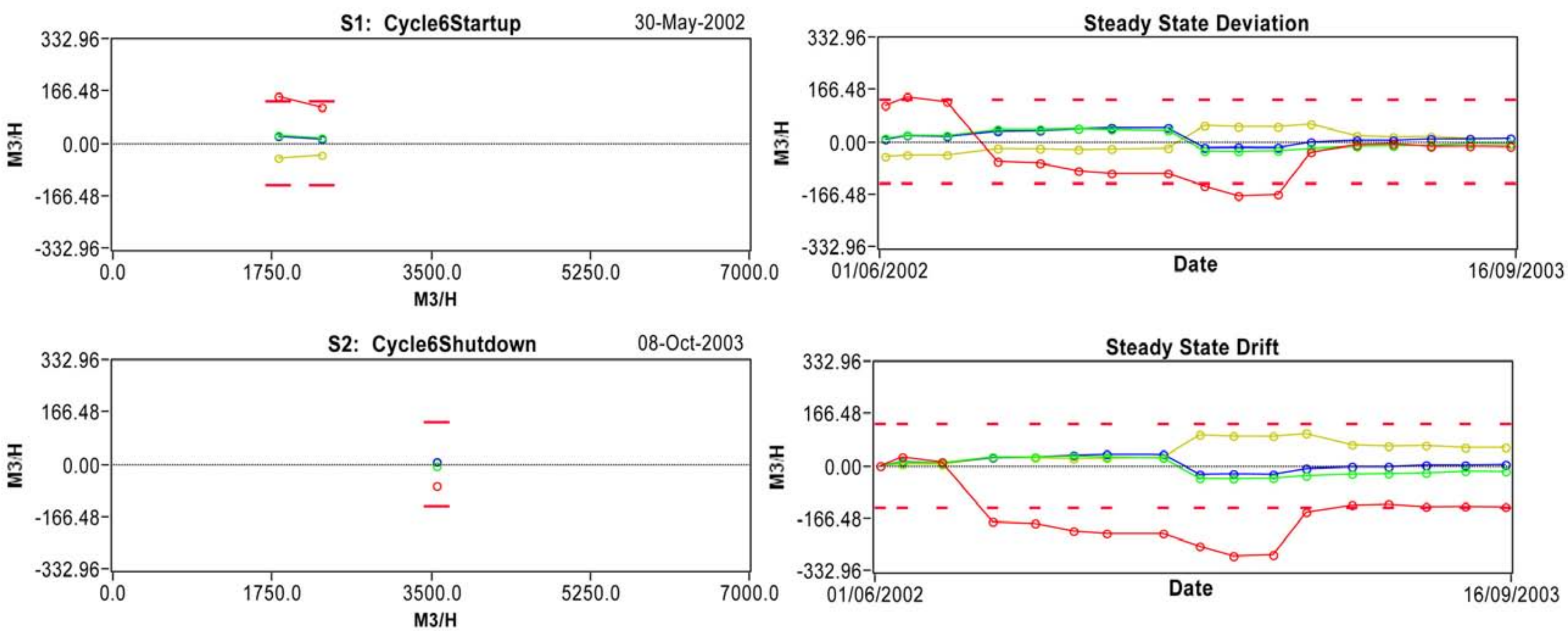


Figure B-30
ESW Train A Flow Summary Plot: Cycle 6

Cycle Summary

Group: ESW TRAIN B FLOW **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	04 Jun 2002	21 Jun 2002	18 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	29 Dec 2002	27 Jan 2003	21 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final	
	1EF-F-0187A-W	PPS														X						X	X	
	1EF-F-0187B-W	PPS														X						X	X	
	1EF-F-0187C-W	PPS																			X		X	
	1EF-F-0187D-W	PPS											X								X	X	X	

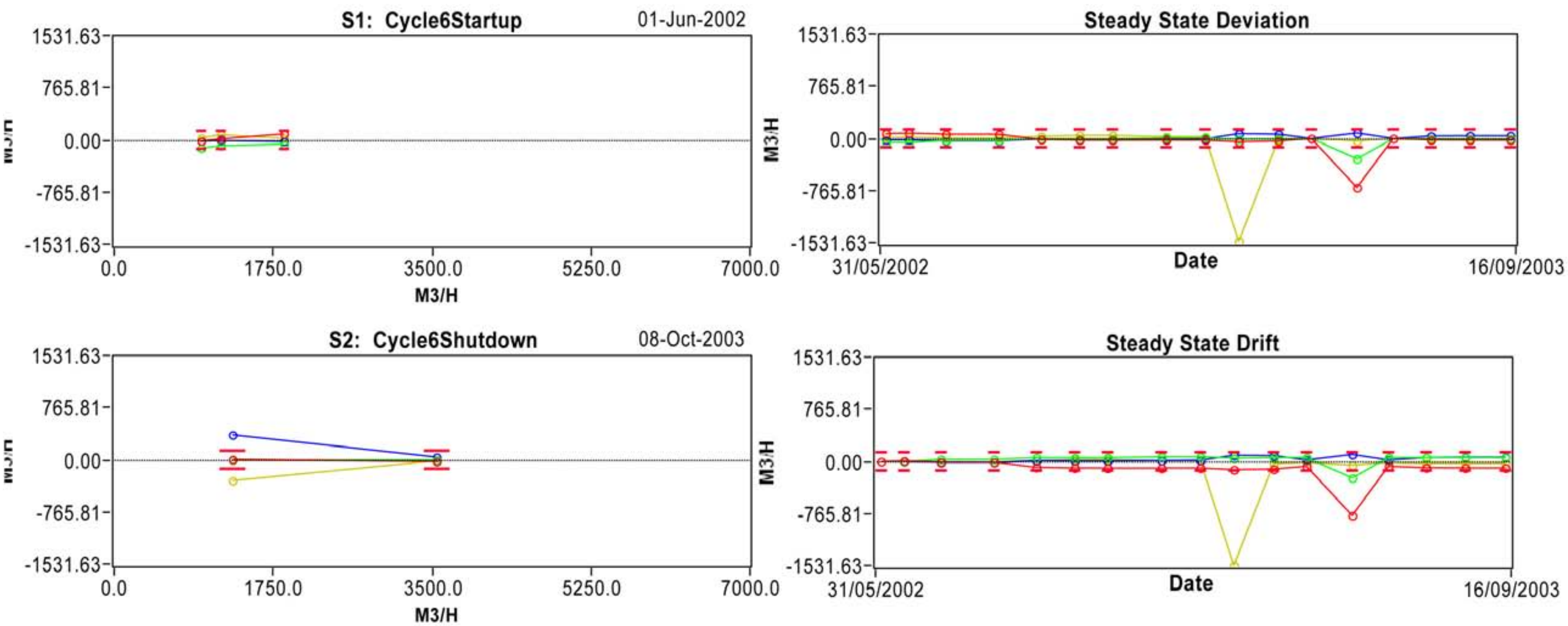


Figure B-31
ESW Train B Flow Summary Plot: Cycle 6

Cycle Summary

Group: SURGE TANK LEVEL IN CCWS TRAIN B **Summary File:** Cycle6Summary **Test Engineer:** AMS

Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	29 Dec 2002	27 Jan 2003	21 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final
1EG-L-0311-W	PPS																		X	X	X	X
1EG-L-0312-W	PPS																					
1EG-L-0313-W	PPS	X	X																		X	X

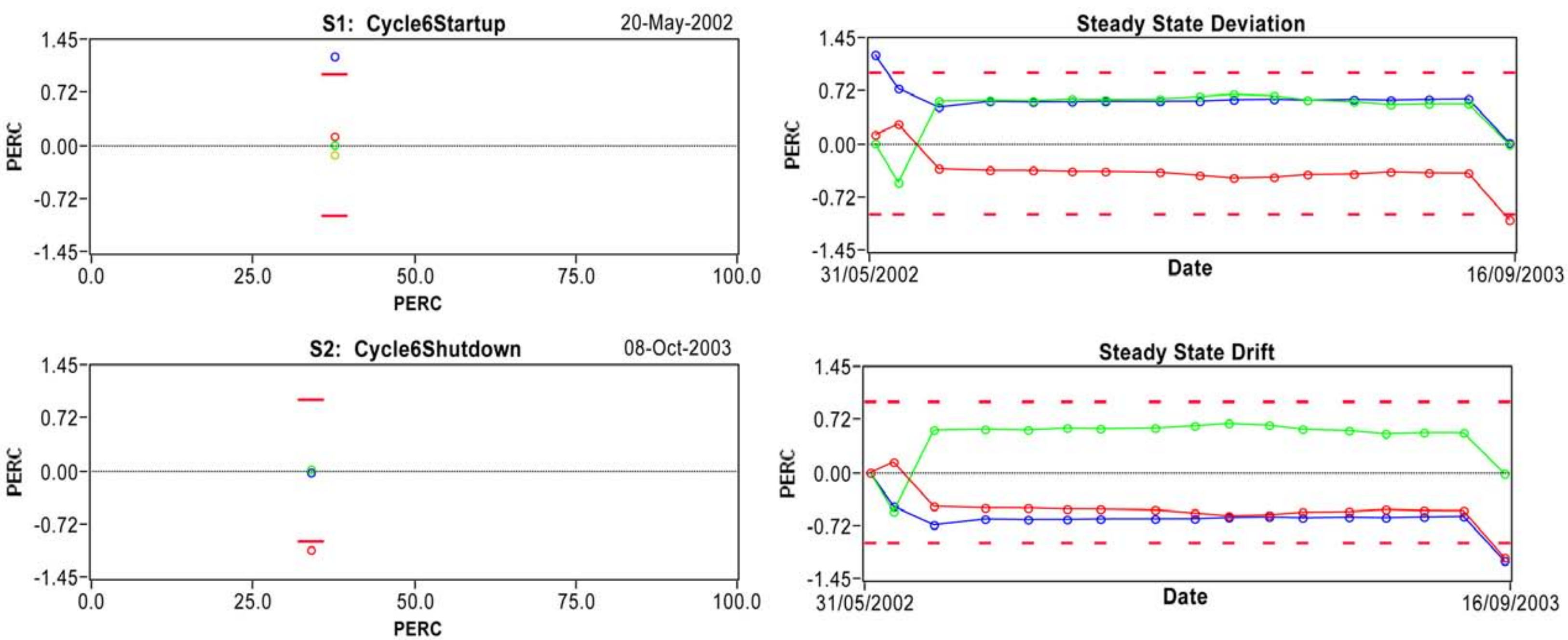


Figure B-32
Surge Tank Level in CCWS Train B Summary Plot: Cycle 6

Cycle Summary

Group: SURGE TANK LEVEL IN CCWS TRAIN A **Summary File:** Cycle6Summary **Test Engineer:** AMS

Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	29 Dec 2002	27 Jan 2003	21 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final
1EG-L-0321-W	PPS																					
1EG-L-0322-W	PPS																					
1EG-L-0323-W	PPS				X																X	X
1EG-L-0324-W	PPS																					

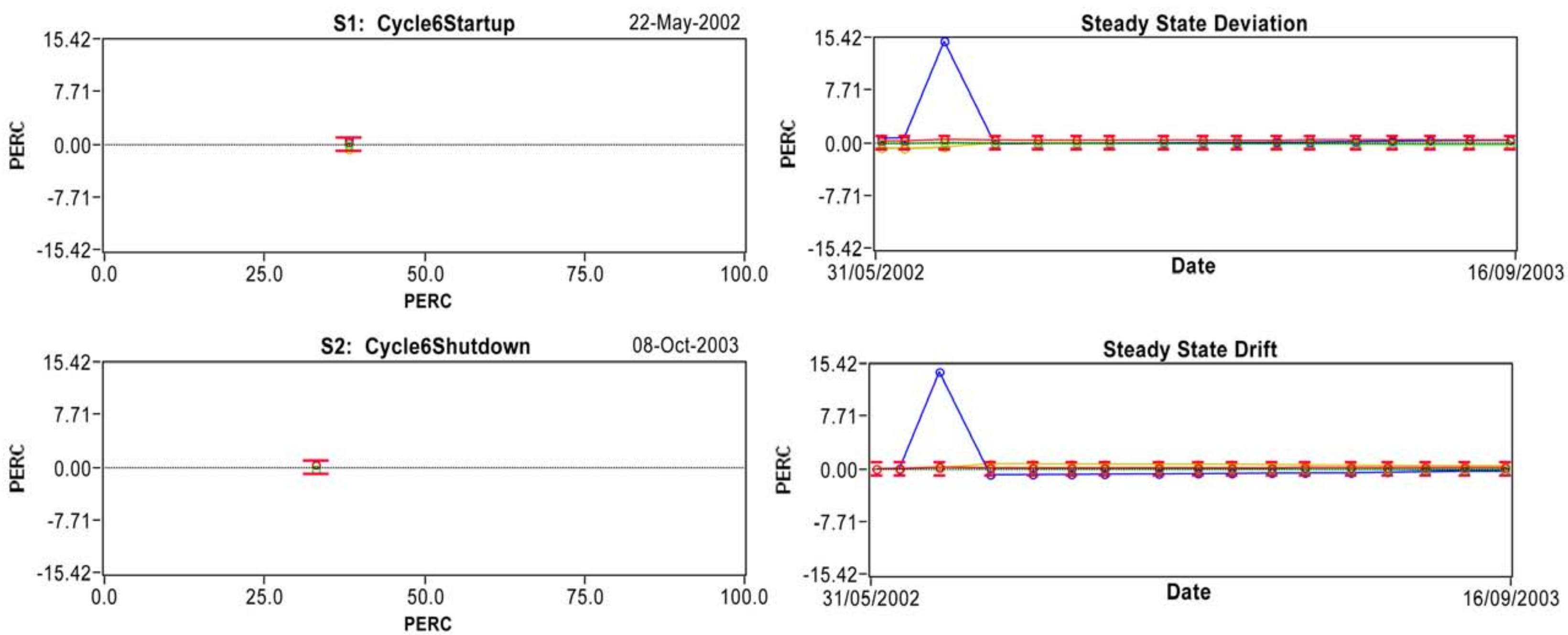
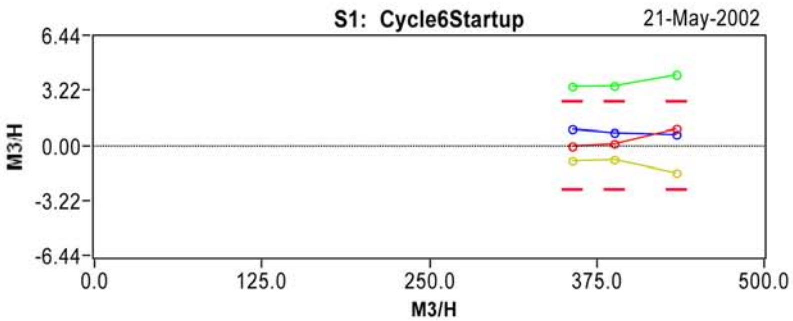


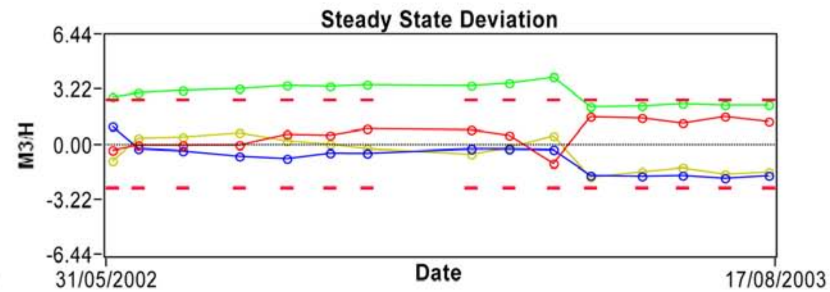
Figure B-33
Surge Tank Level in CCWS Train A Summary Plot: Cycle 6

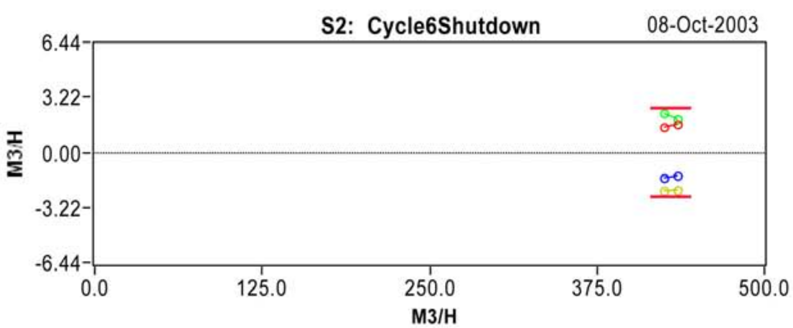
Cycle Summary

Group: CCWS FLOW TO TRAIN A LT LOADS **Summary File:** Cycle6Summary **Test Engineer:** AMS

Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	27 Jan 2003	21 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	S2	Drift	Final			
1EG-F-0247A-W	PPS																						
1EG-F-0247B-W	PPS	X	X	X	X	X	X	X	X	X	X	X								X			
1EG-F-0247C-W	PPS																		X	X			
1EG-F-0247D-W	PPS																						







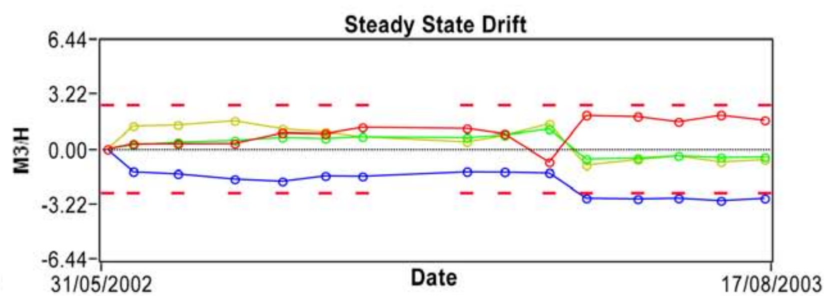


Figure B-34
CCWS Flow to Train A Low-Temperature Loads Summary Plot: Cycle 6

Cycle Summary

Group: CCWS FLOW TO TRAIN B LT LOADS **Summary File:** Cycle6Summary **Test Engineer:** AMS

Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	29 Dec 2002	27 Jan 2003	21 Feb 2003	23 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final
1EG-F-0248A-W	PPS																					
1EG-F-0248B-W	PPS					X															X	X
1EG-F-0248C-W	PPS																				X	X
1EG-F-0248D-W	PPS																					

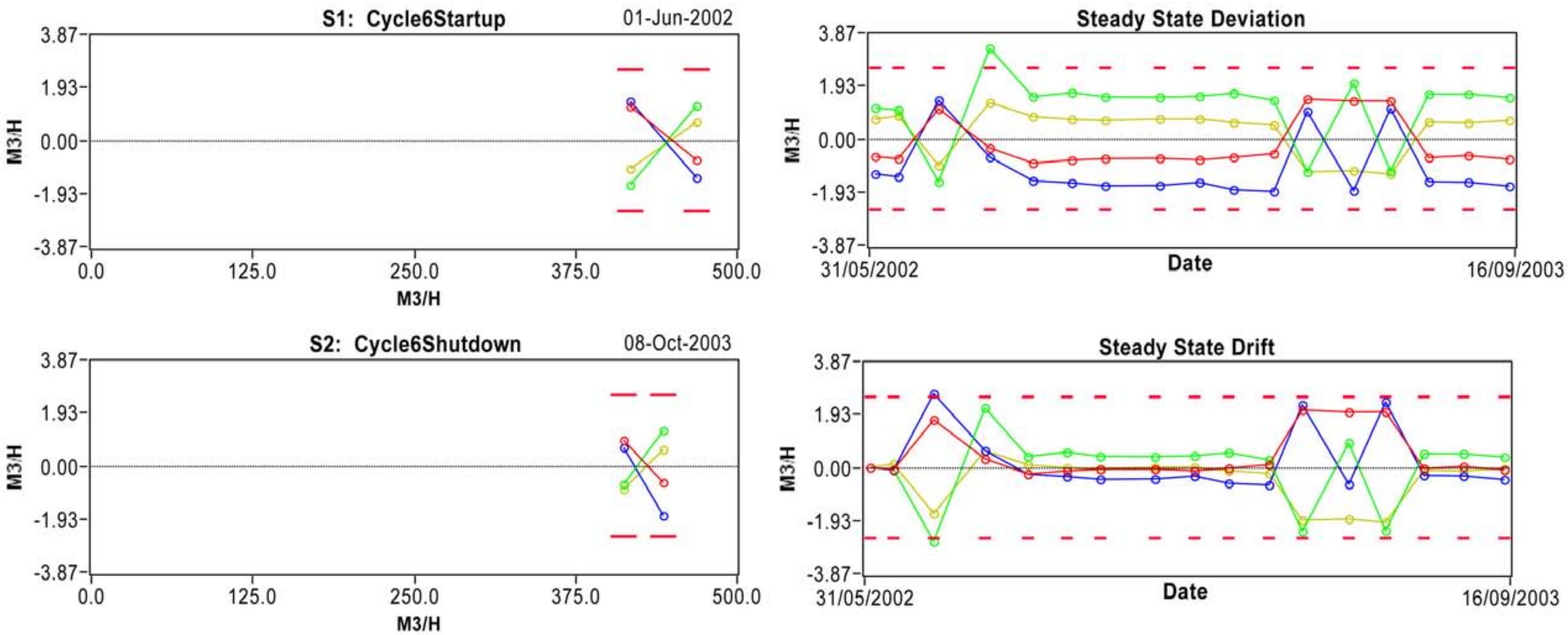


Figure B-35
CCWS Flow to Train B Low-Temperature Loads Summary Plot: Cycle 6

Cycle Summary

Group: CCW FLOW IN RCP THERMAL BARRIER RETURN **Summary File:** Cycle6Summary **Test Engineer:** AMS

Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	29 Dec 2002	27 Jan 2003	21 Feb 2003	22 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final
1EG-F-0250A-W	PPS																					
1EG-F-0250B-W	PPS																			X		X
1EG-F-0250C-W	PPS																					
1EG-F-0250D-W	PPS	X																		X		X

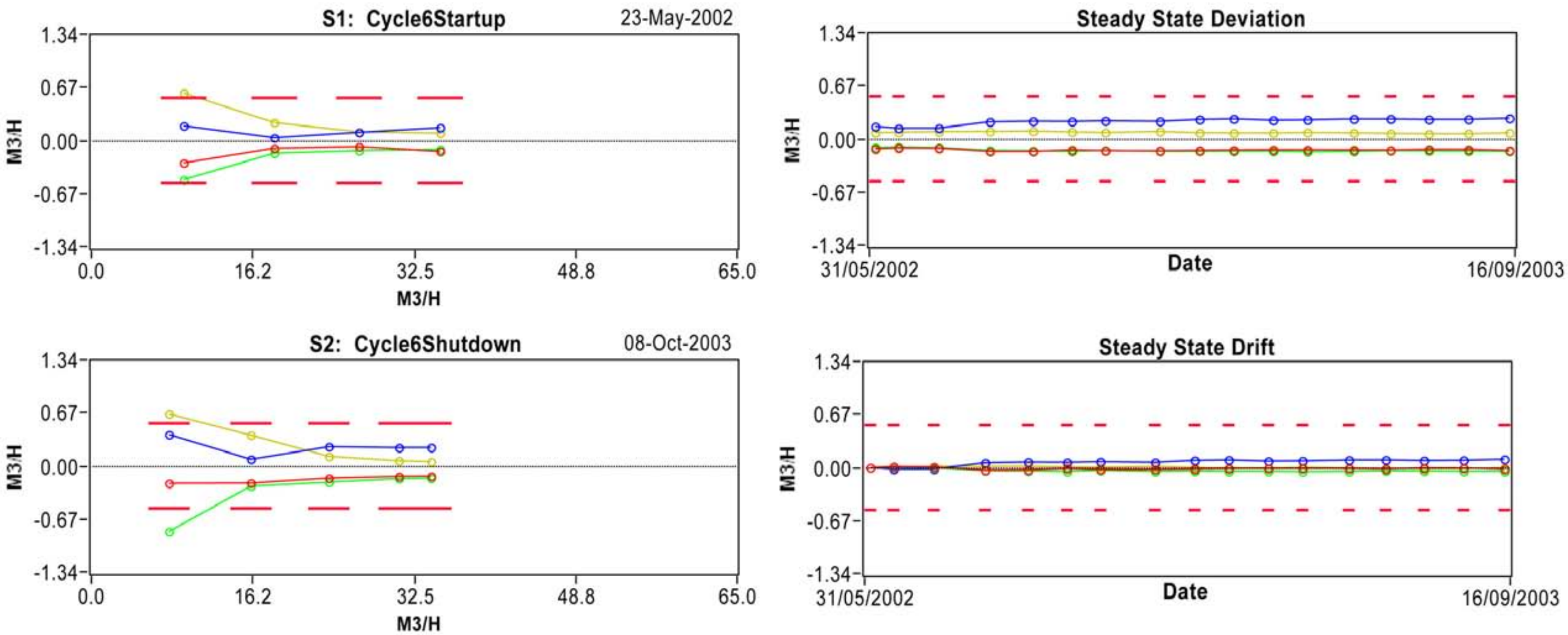


Figure B-36
CCW Flow in RCP Thermal Barrier Return Summary Plot: Cycle 6

Cycle Summary

Group: REACTOR BUILDING PRESSURE **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	31 Dec 2002	26 Jan 2003	21 Feb 2003	22 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final	
	1GN-P-0937-W	PPS																						
	1GN-P-0936-W	PPS																						
	1GN-P-0935-W	PPS																						
	1GN-P-0934-W	PPS																						
	1GN-P-0940-W	PPS																						
	1GN-P-0941-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	
	1GN-P-0942-W	PPS																						
	1GN-P-0943-W	PPS																						

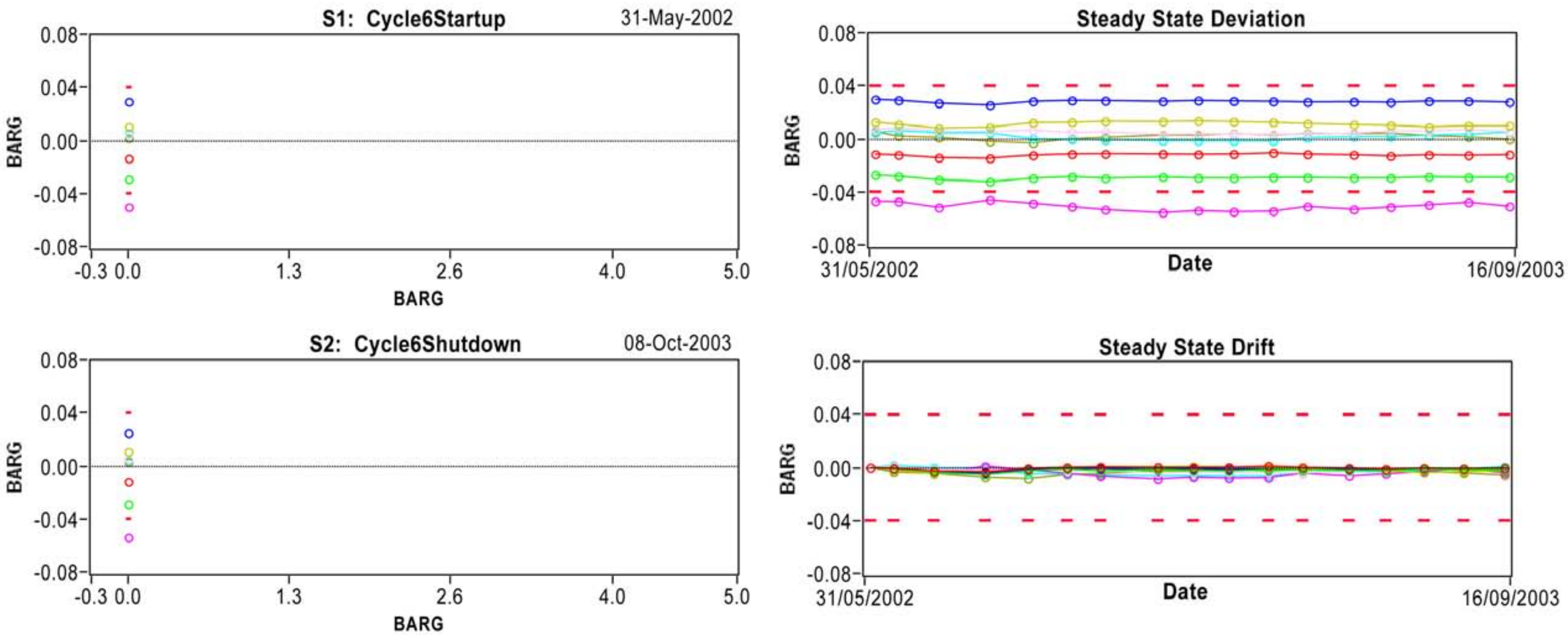


Figure B-37
Reactor Building Pressure Summary Plot: Cycle 6

Cycle Summary

Group: MAIN STEAMLINE 1 FLOW **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	01 Jan 2003	28 Jan 2003	21 Feb 2003	22 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final	
	1AB-F-0170-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	1AB-F-0171-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	1AB-F-0172-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

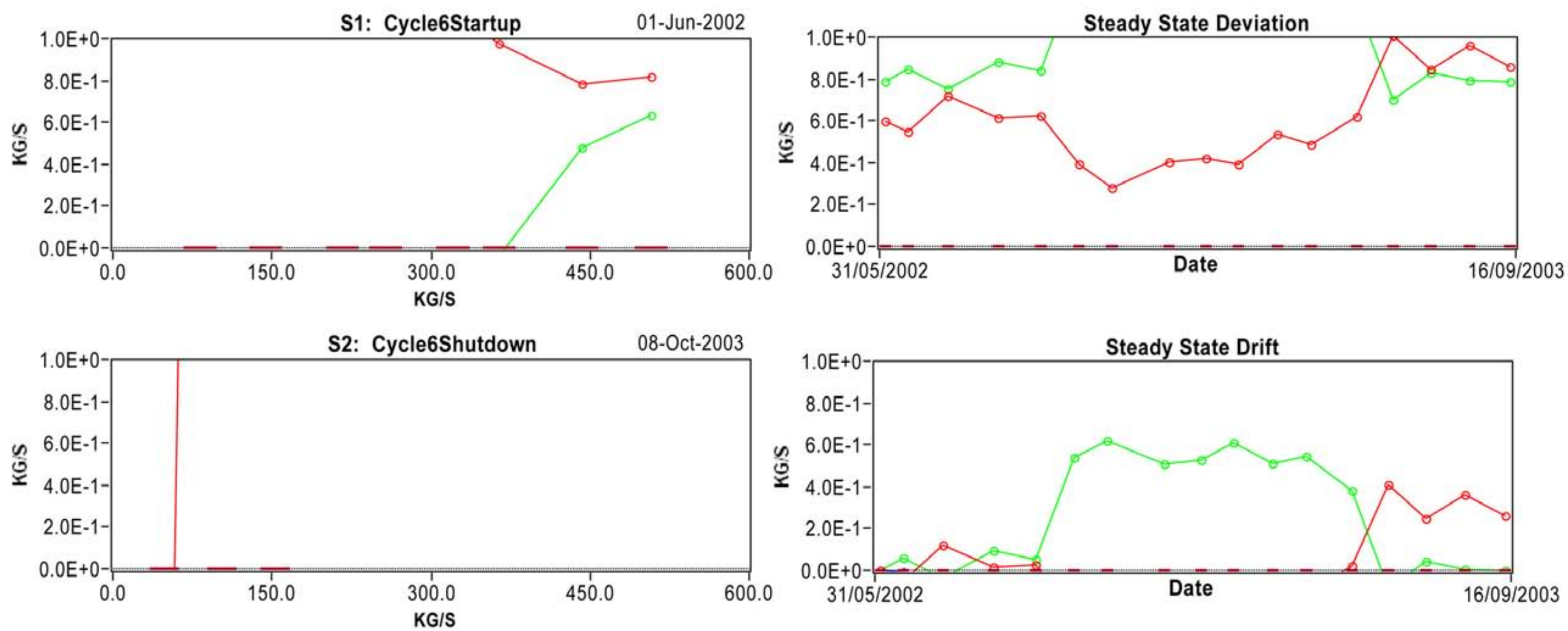


Figure B-38
Main Steamline 1 Flow Summary Plot: Cycle 6

Cycle Summary

Group: MAIN STEAMLINE 2 FLOW **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	01 Jan 2003	28 Jan 2003	21 Feb 2003	22 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	S2	Drift	Final					
	1AB-F-0270-W	PPS		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
	1AB-F-0271-W	PPS		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
	1AB-F-0272-W	PPS		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					

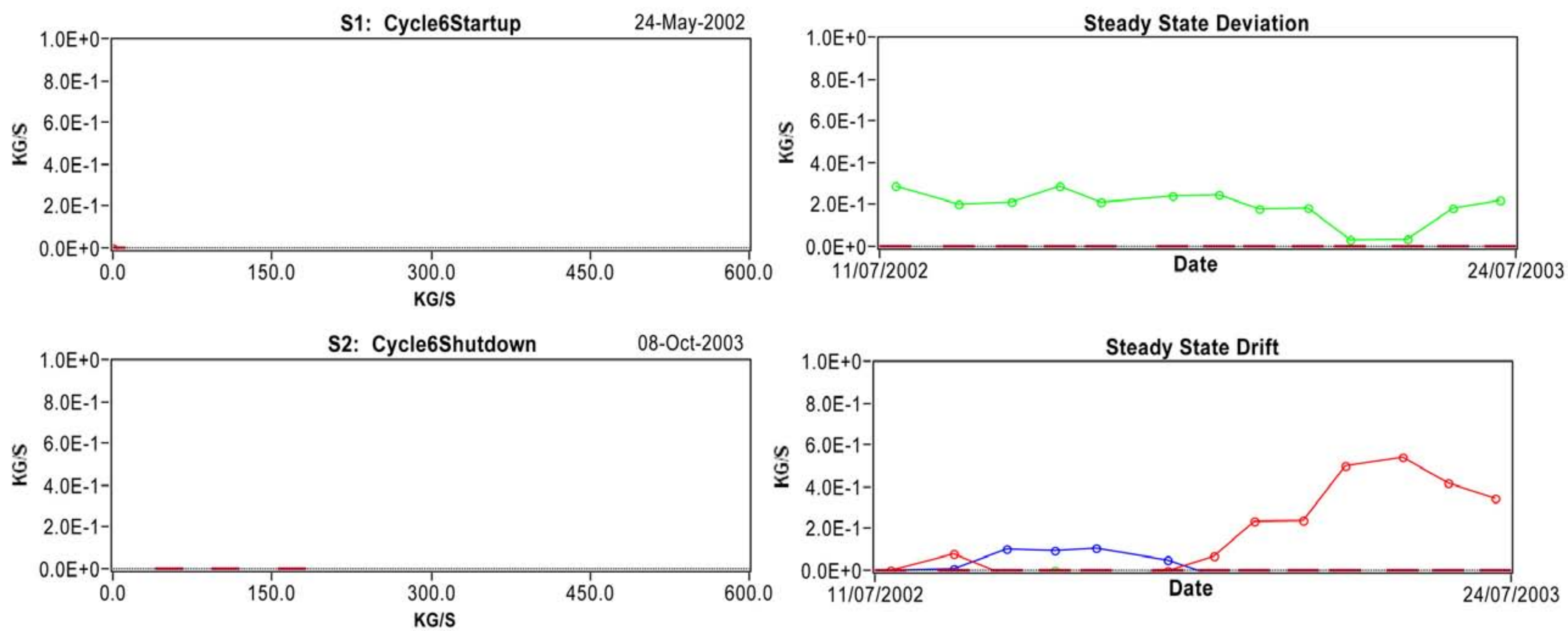


Figure B-39
Main Steamline 2 Flow Summary Plot: Cycle 6

Cycle Summary

Group: MAIN STEAMLINE 3 FLOW **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	01 Jan 2003	28 Jan 2003	21 Feb 2003	22 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final	
	1AB-F-0370-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	1AB-F-0371-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	1AB-F-0372-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

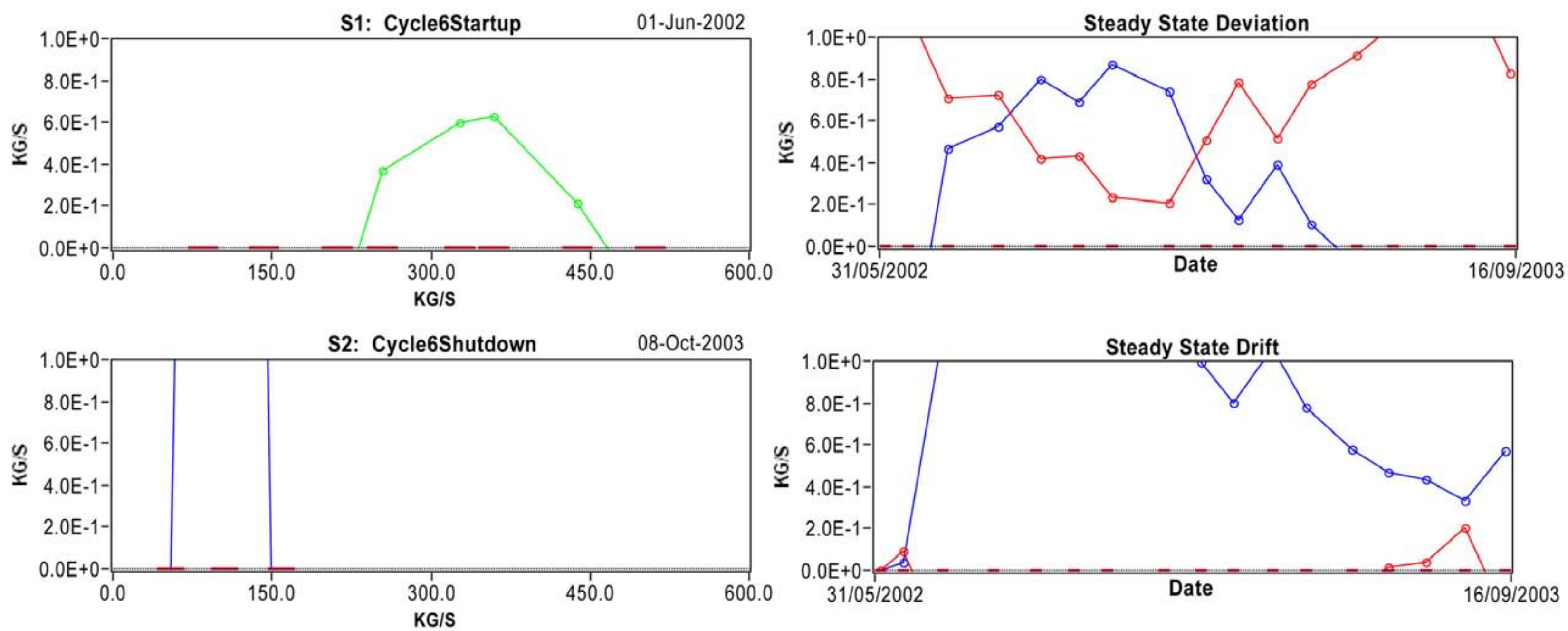


Figure B-40
Main Steamline 3 Flow Summary Plot: Cycle 6

Cycle Summary

Group: MAIN STEAMLINE 4 FLOW **Summary File:** Cycle6Summary **Test Engineer:** AMS

	Tag	Name	S1	04 Jun 2002	21 Jun 2002	20 Jul 2002	27 Aug 2002	27 Sep 2002	26 Oct 2002	19 Nov 2002	01 Jan 2003	28 Jan 2003	21 Feb 2003	22 Mar 2003	16 Apr 2003	20 May 2003	16 Jun 2003	14 Jul 2003	12 Aug 2003	11 Sep 2003	S2	Drift	Final	
	1AB-F-0470-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	1AB-F-0471-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	1AB-F-0472-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

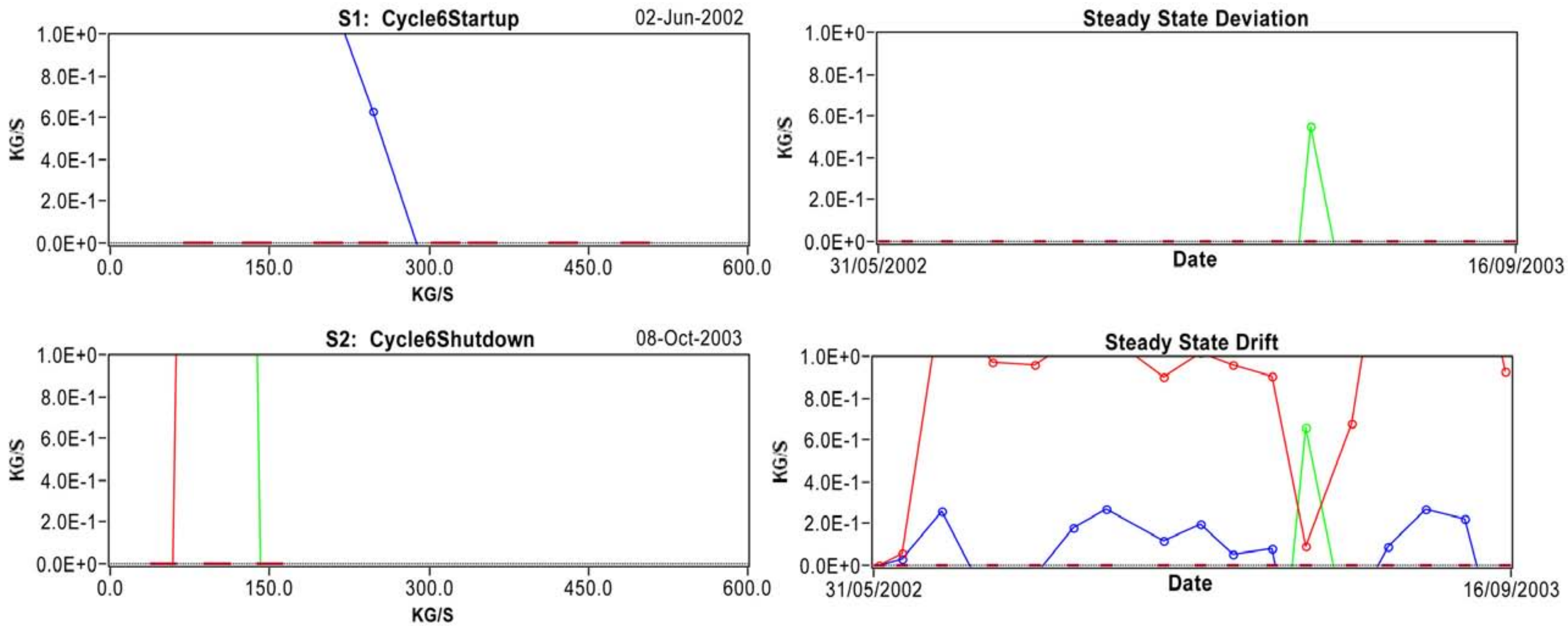


Figure B-41
Main Steamline 4 Flow Summary Plot: Cycle 6

Cycle 6 Transient Cycle Drift Analysis

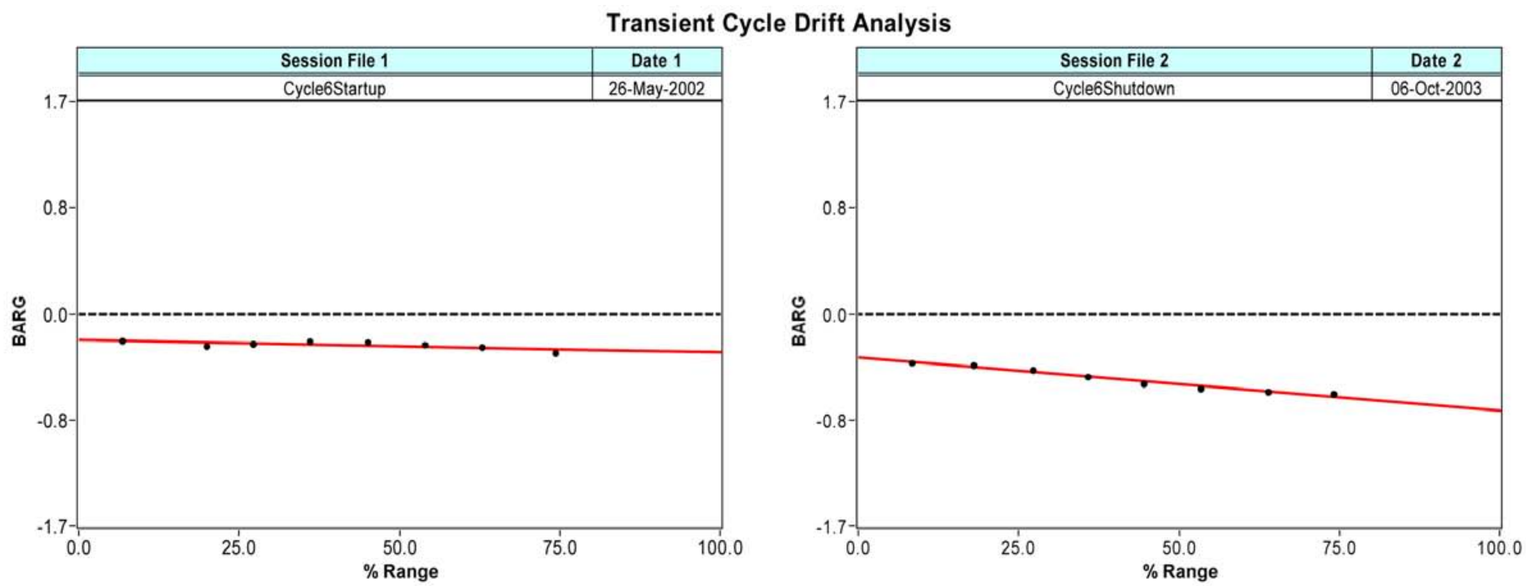
The transient cycle drift analysis results are shown in Table B-3. Figures B-42 through B-85 provide summary plots for each service listed, as indicated in the "Figure Number" column of Table B-3.

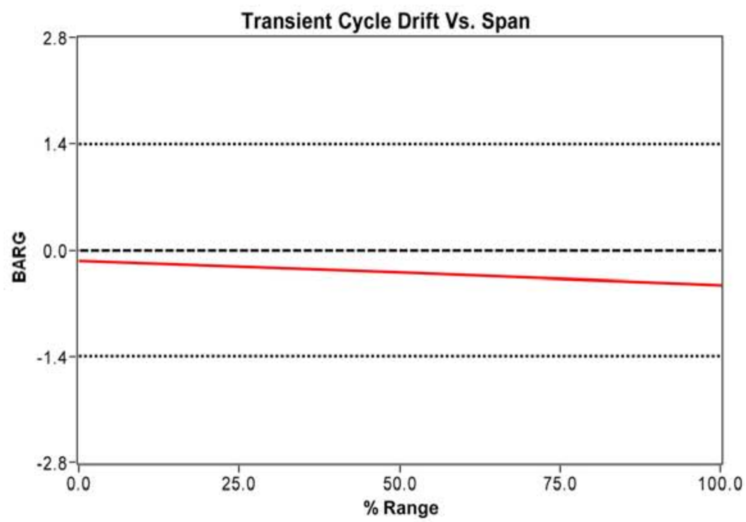
Table B-3
Cycle 6 Transient Drift Analysis Summary

Item #	Service	Tag	Zero Drift	Span Drift	Result	Figure Number
1	Main Steam Pressure Loop 1	1AB-P-0513-W	-0.14	-0.47	Good	B-42
2	Main Steam Pressure Loop 1	1AB-P-0514-W	-0.09	-0.13	Good	B-43
3	Main Steam Pressure Loop 1	1AB-P-0515-W	-0.10	-0.35	Good	B-44
4	Main Steam Pressure Loop 1	1AB-P-0516-W	-0.07	-0.40	Good	B-45
5	Main Steam Pressure Loop 1	1AB-P-0177-W	-0.41	-0.53	Good	B-46
6	Main Steam Pressure Loop 1	1AB-P-0174-W	0.09	0.27	Bad	B-47
7	Main Steam Pressure Loop 1	1AB-P-0175-W	0.16	0.45	Bad	B-48
8	Main Steam Pressure Loop 1	1AB-P-0137-W	0.09	0.26	Bad	B-49
9	Main Steam Pressure Loop 1	1AB-P-0138-W	0.01	0.28	Bad	B-50
10	Main Steam Pressure Loop 2	1AB-P-0523-W	0.03	-0.22	Good	B-51
11	Main Steam Pressure Loop 2	1AB-P-0524-W	0.38	0.35	Good	B-52
12	Main Steam Pressure Loop 2	1AB-P-0525-W	0.00	-0.38	Good	B-53
13	Main Steam Pressure Loop 2	1AB-P-0526-W	0.53	0.32	Good	B-54
14	Main Steam Pressure Loop 2	1AB-P-0277-W	-1.08	-1.67	Bad	B-55
15	Main Steam Pressure Loop 2	1AB-P-0275-W	-0.03	0.15	Good	B-56
16	Main Steam Pressure Loop 2	1AB-P-0274-W	-0.28	-0.48	Bad	B-57
17	Main Steam Pressure Loop 2	1AB-P-0237-W	0.02	0.20	Good	B-58
18	Main Steam Pressure Loop 2	1AB-P-0238-W	0.12	0.30	Bad	B-59
19	Main Steam Pressure Loop 3	1AB-P-0533-W	-0.06	-0.46	Good	B-60
20	Main Steam Pressure Loop 3	1AB-P-0534-W	-0.64	-0.87	Good	B-61
21	Main Steam Pressure Loop 3	1AB-P-0535-W	-0.04	-0.23	Good	B-62
22	Main Steam Pressure Loop 3	1AB-P-0536-W	-0.05	-0.04	Good	B-63
23	Main Steam Pressure Loop 3	1AB-P-0377-W	0.14	-0.22	Good	B-64

Table B-3 (continued)
Cycle 6 Transient Drift Analysis Summary

Item #	Service	Tag	Zero Drift	Span Drift	Result	Figure Number
24	Main Steam Pressure Loop 3	1AB-P-0337-W	0.00	-0.06	Good	B-65
25	Main Steam Pressure Loop 3	1AB-P-0338-W	0.00	-0.02	Good	B-66
26	Main Steam Pressure Loop 3	1AB-P-0375-W	-0.04	0.02	Good	B-67
27	Main Steam Pressure Loop 3	1AB-P-0374-W	0.05	0.14	Good	B-68
28	Main Steam Pressure Loop 4	1AB-P-0543-W	-1.31	-2.61	Bad	B-69
29	Main Steam Pressure Loop 4	1AB-P-0544-W	0.13	-0.23	Good	B-70
30	Main Steam Pressure Loop 4	1AB-P-0545-W	-0.10	0.03	Good	B-71
31	Main Steam Pressure Loop 4	1AB-P-0546-W	0.90	0.24	Good	B-72
32	Main Steam Pressure Loop 4	1AB-P-0477-W	-0.15	0.18	Good	B-73
33	Main Steam Pressure Loop 4	1AB-P-0437-W	0.04	0.21	Bad	B-74
34	Main Steam Pressure Loop 4	1AB-P-0438-W	0.26	0.13	Bad	B-75
35	Main Steam Pressure Loop 4	1AB-P-0474-W	0.11	0.31	Bad	B-76
36	Main Steam Pressure Loop 4	1AB-P-0475-W	-0.07	-0.06	Good	B-77
37	Pressurizer Pressure	1BB-P-0455-W	0.14	0.09	Good	B-78
38	Pressurizer Pressure	1BB-P-0456-W	1.38	-0.04	Bad	B-79
39	Pressurizer Pressure	1BB-P-0457-W	-0.21	-0.18	Good	B-80
40	Pressurizer Pressure	1BB-P-0458-W	-0.04	-0.09	Good	B-81
41	Pressurizer Level	1BB-L-0465-W	-0.64	8.76	Bad	B-82
42	Pressurizer Level	1BB-L-0466-W	-0.23	-0.26	Good	B-83
43	Pressurizer Level	1BB-L-0467-W	0.52	0.43	Good	B-84
44	Pressurizer Level	1BB-L-0468-W	-0.27	0.02	Good	B-85



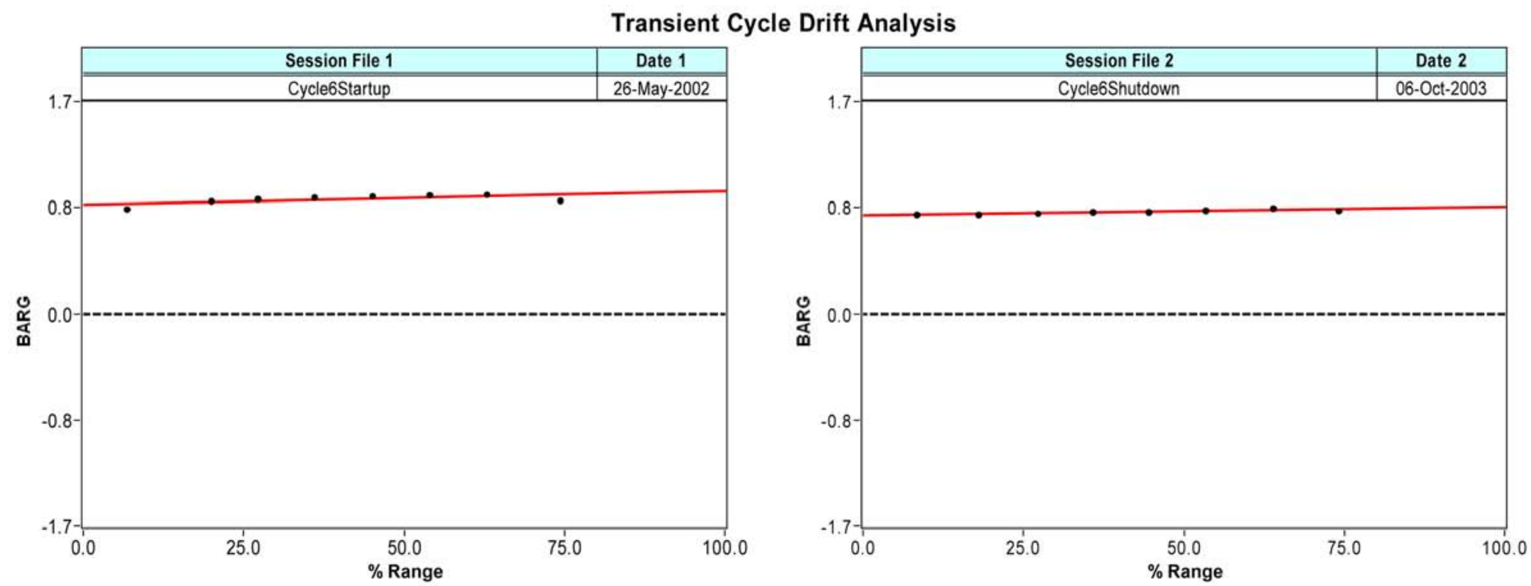


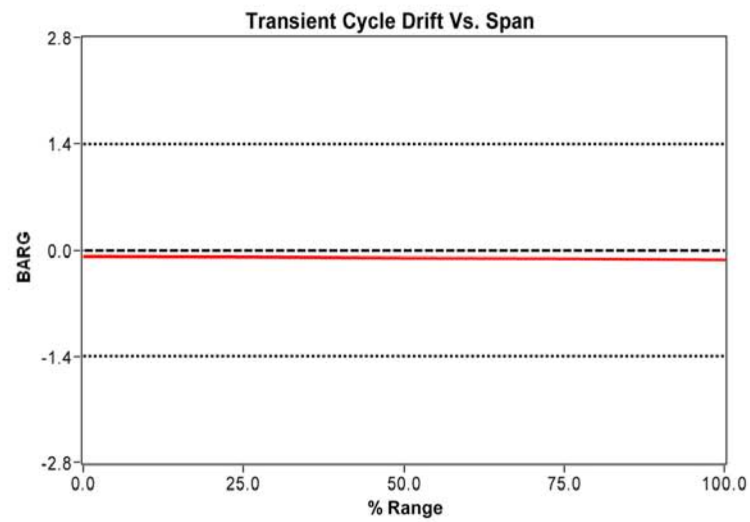
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 1				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0513-W	-0.14	-0.47	Good
	1AB-P-0514-W	-0.09	-0.13	Good
	1AB-P-0515-W	-0.10	-0.35	Good
	1AB-P-0516-W	-0.07	-0.40	Good
	1AB-P-0177-W	-0.41	-0.53	Good
	1AB-P-0174-W	0.09	0.27	Bad
	1AB-P-0175-W	0.16	0.45	Bad
	1AB-P-0137-W	0.09	0.26	Bad
	1AB-P-0138-W	0.01	0.28	Bad

* = Recalibrated Between Date 1 and Date 2

Figure B-42
Main Steam Pressure Loop 1 (1AB-P-0513-W) Transient Drift Analysis: Cycle 6



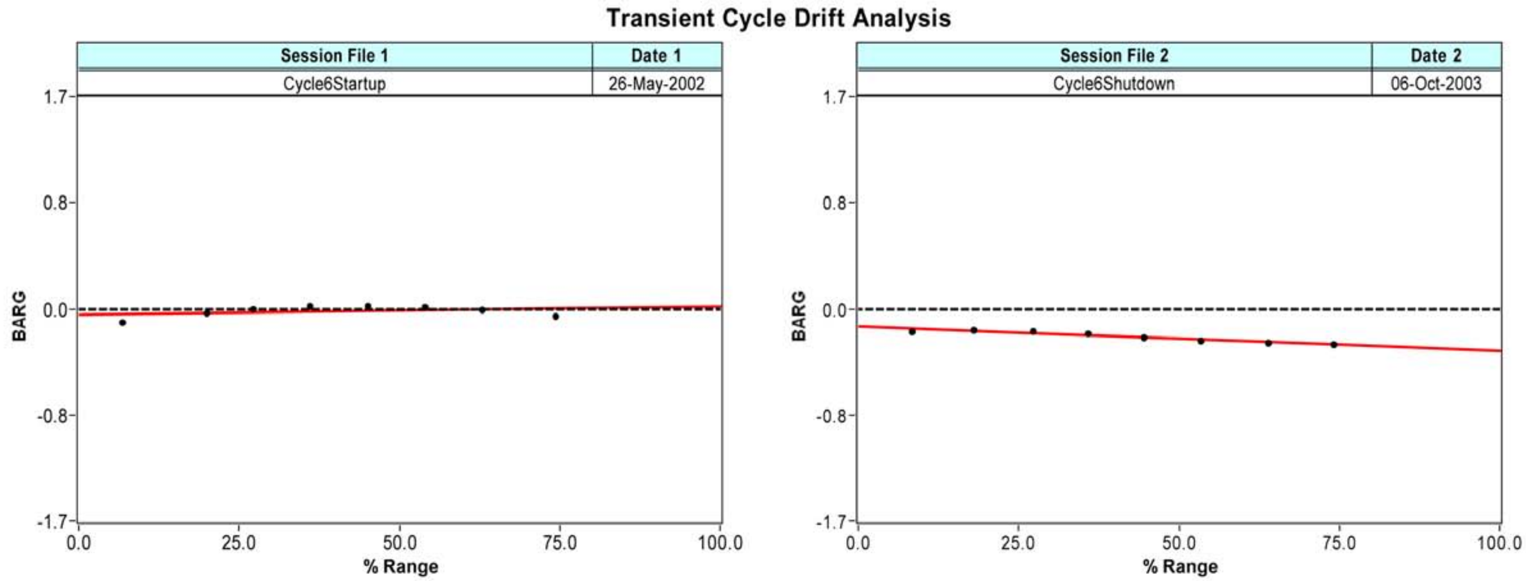


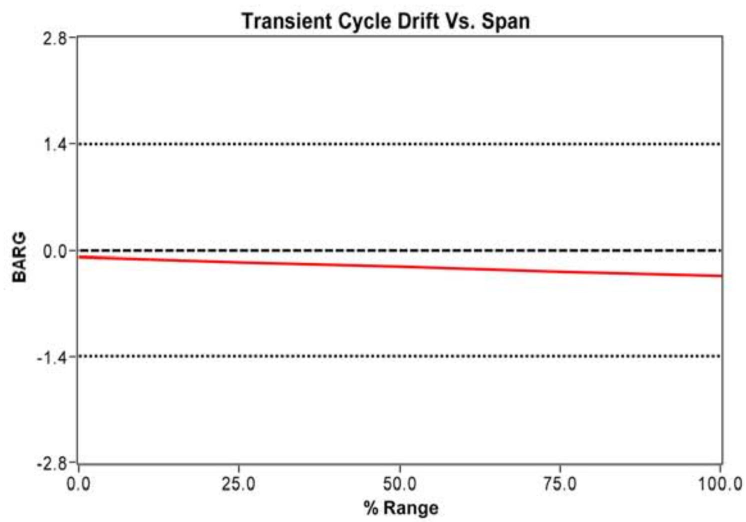
Analysis Information

	Group			
	MAIN STEAM PRESSURE LOOP 1			
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0513-W	-0.14	-0.47	Good
✓	1AB-P-0514-W	-0.09	-0.13	Good
	1AB-P-0515-W	-0.10	-0.35	Good
	1AB-P-0516-W	-0.07	-0.40	Good
	1AB-P-0177-W	-0.41	-0.53	Good
	1AB-P-0174-W	0.09	0.27	Bad
	1AB-P-0175-W	0.16	0.45	Bad
	1AB-P-0137-W	0.09	0.26	Bad
	1AB-P-0138-W	0.01	0.28	Bad

* = Recalibrated Between Date 1 and Date 2

Figure B-43
Main Steam Pressure Loop 1 (1AB-P-0514-W) Transient Drift Analysis: Cycle 6





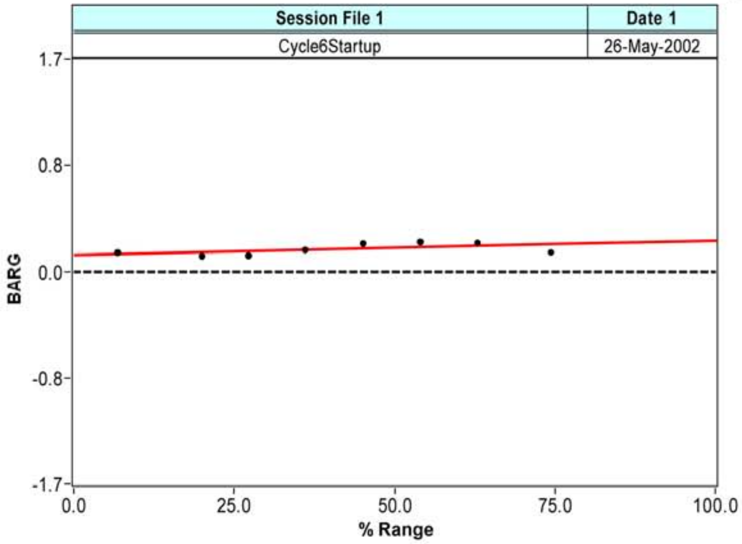
Analysis Information

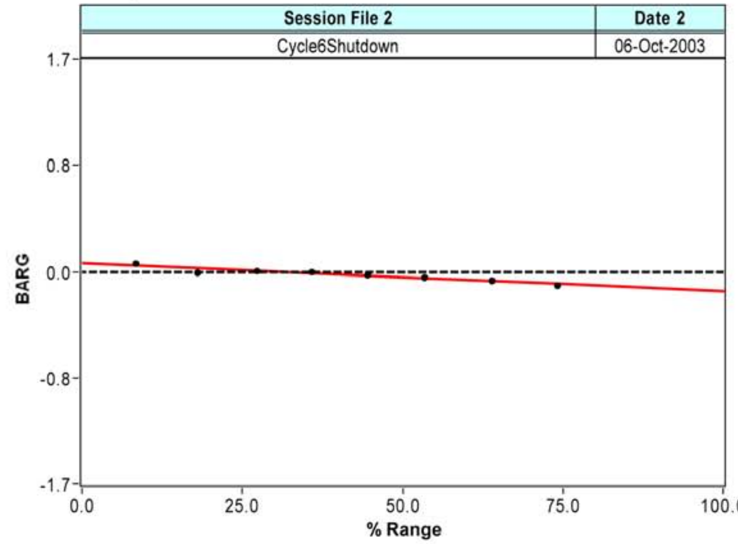
	Tag ID	Zero Drift	Span Drift	Result
Group				
MAIN STEAM PRESSURE LOOP 1				
	1AB-P-0513-W	-0.14	-0.47	Good
	1AB-P-0514-W	-0.09	-0.13	Good
	1AB-P-0515-W	-0.10	-0.35	Good
	1AB-P-0516-W	-0.07	-0.40	Good
	1AB-P-0177-W	-0.41	-0.53	Good
	1AB-P-0174-W	0.09	0.27	Bad
	1AB-P-0175-W	0.16	0.45	Bad
	1AB-P-0137-W	0.09	0.26	Bad
	1AB-P-0138-W	0.01	0.28	Bad

* = Recalibrated Between Date 1 and Date 2

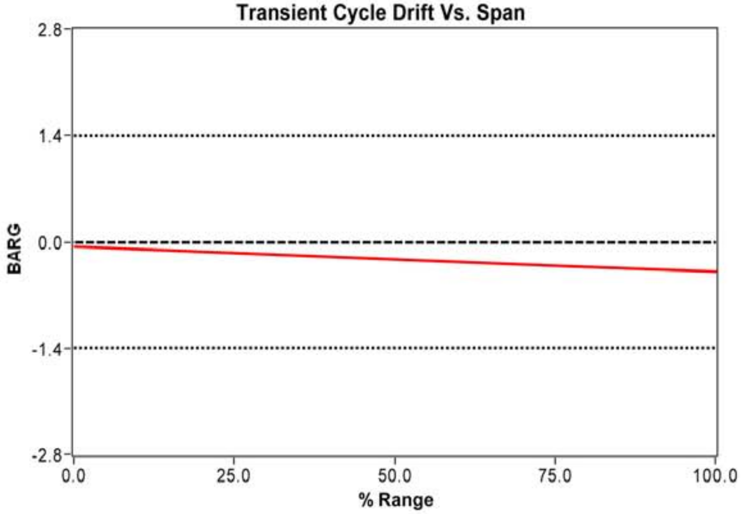
Figure B-44
Main Steam Pressure Loop 1 (1AB-P-0515-W) Transient Drift Analysis: Cycle 6

Transient Cycle Drift Analysis





Transient Cycle Drift Vs. Span

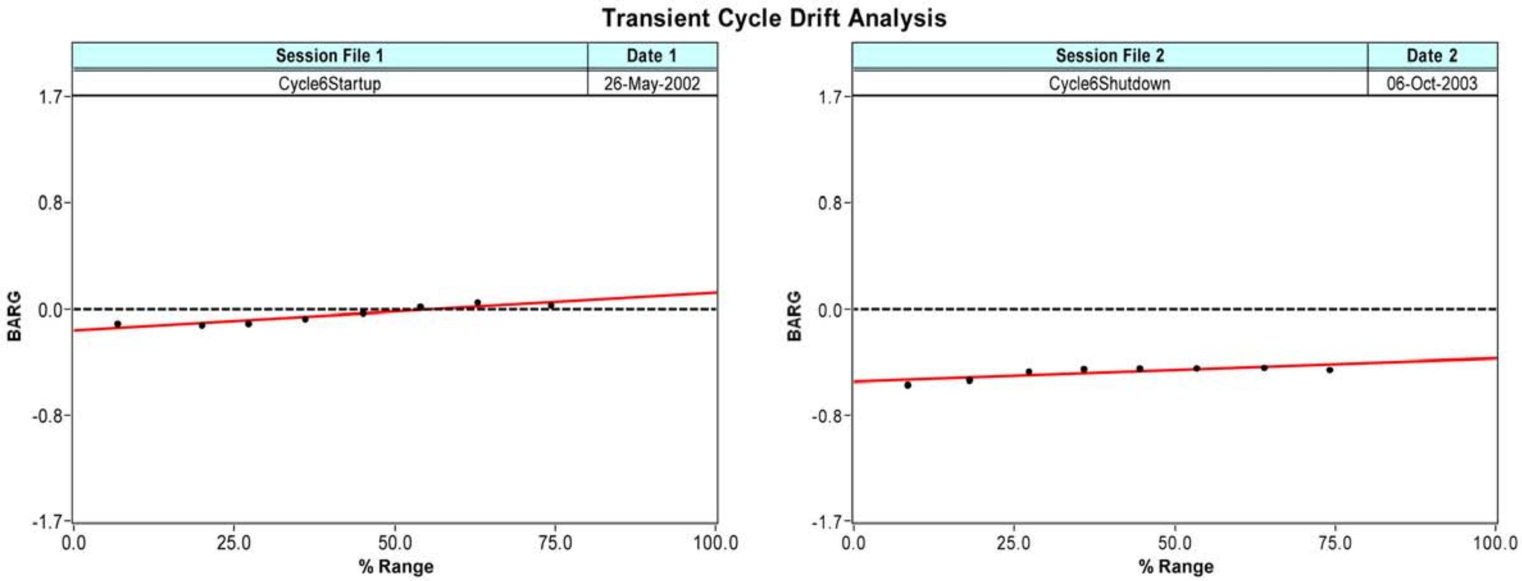


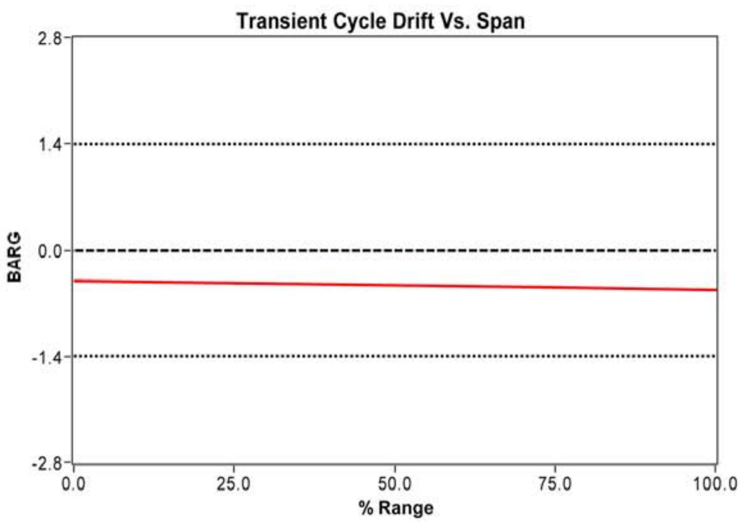
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 1				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0513-W	-0.14	-0.47	Good
	1AB-P-0514-W	-0.09	-0.13	Good
	1AB-P-0515-W	-0.10	-0.35	Good
	1AB-P-0516-W	-0.07	-0.40	Good
	1AB-P-0177-W	-0.41	-0.53	Good
	1AB-P-0174-W	0.09	0.27	Bad
	1AB-P-0175-W	0.16	0.45	Bad
	1AB-P-0137-W	0.09	0.26	Bad
	1AB-P-0138-W	0.01	0.28	Bad

* = Recalibrated Between Date 1 and Date 2

Figure B-45
Main Steam Pressure Loop 1 (1AB-P-0516-W) Transient Drift Analysis: Cycle 6



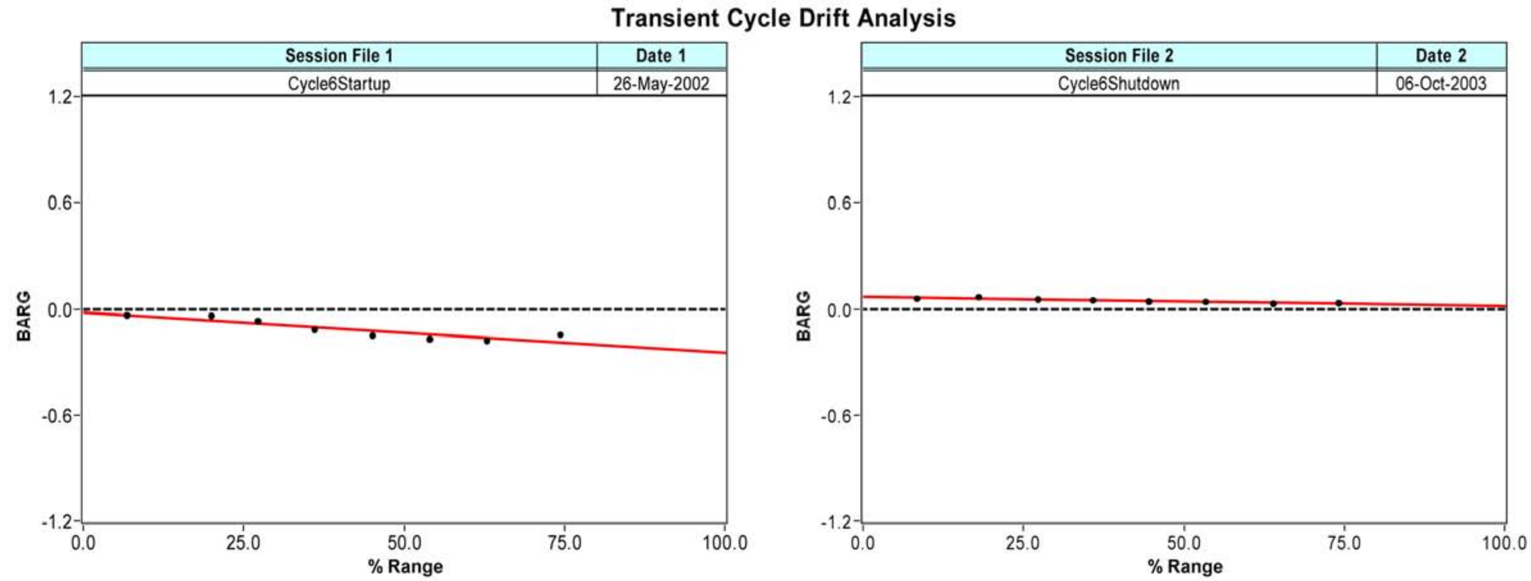


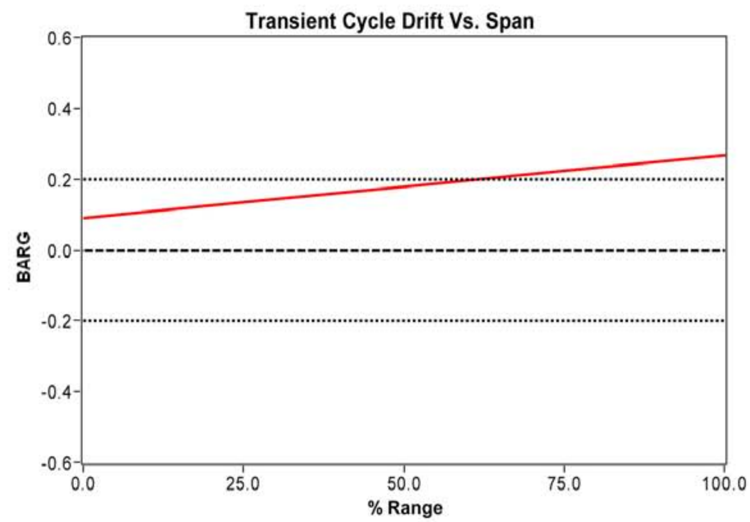
Analysis Information

	Tag ID	Zero Drift	Span Drift	Result
Group: MAIN STEAM PRESSURE LOOP 1				
	1AB-P-0513-W	-0.14	-0.47	Good
	1AB-P-0514-W	-0.09	-0.13	Good
	1AB-P-0515-W	-0.10	-0.35	Good
	1AB-P-0516-W	-0.07	-0.40	Good
	1AB-P-0177-W	-0.41	-0.53	Good
	1AB-P-0174-W	0.09	0.27	Bad
	1AB-P-0175-W	0.16	0.45	Bad
	1AB-P-0137-W	0.09	0.26	Bad
	1AB-P-0138-W	0.01	0.28	Bad

* = Recalibrated Between Date 1 and Date 2

Figure B-46
Main Steam Pressure Loop 1 (1AB-P-0177-W) Transient Drift Analysis: Cycle 6



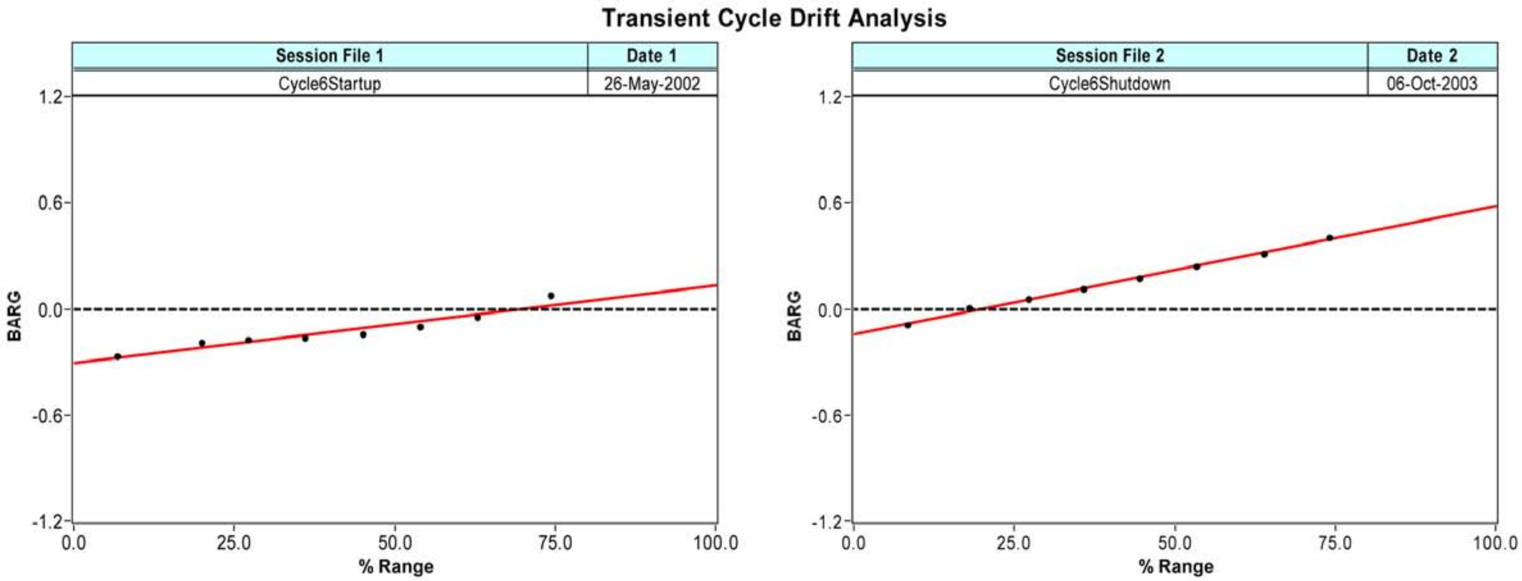


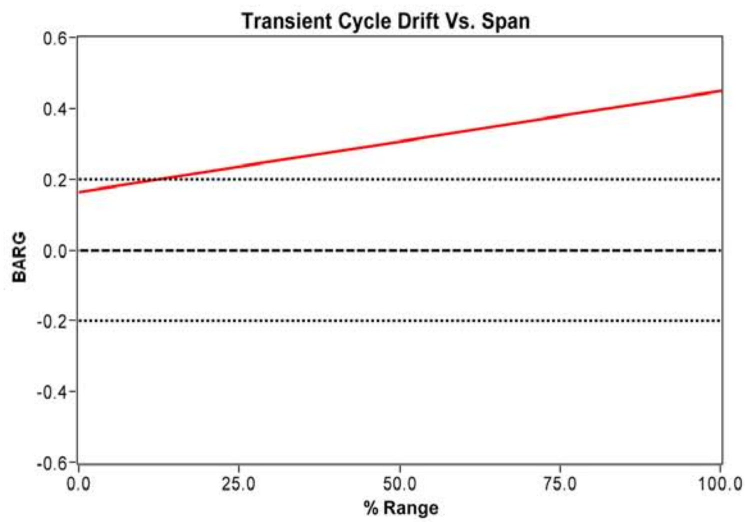
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 1				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0513-W	-0.14	-0.47	Good
	1AB-P-0514-W	-0.09	-0.13	Good
	1AB-P-0515-W	-0.10	-0.35	Good
	1AB-P-0516-W	-0.07	-0.40	Good
	1AB-P-0177-W	-0.41	-0.53	Good
	1AB-P-0174-W	0.09	0.27	Bad
	1AB-P-0175-W	0.16	0.45	Bad
	1AB-P-0137-W	0.09	0.26	Bad
	1AB-P-0138-W	0.01	0.28	Bad

* = Recalibrated Between Date 1 and Date 2

Figure B-47
Main Steam Pressure Loop 1 (1AB-P-0174-W) Transient Drift Analysis: Cycle 6





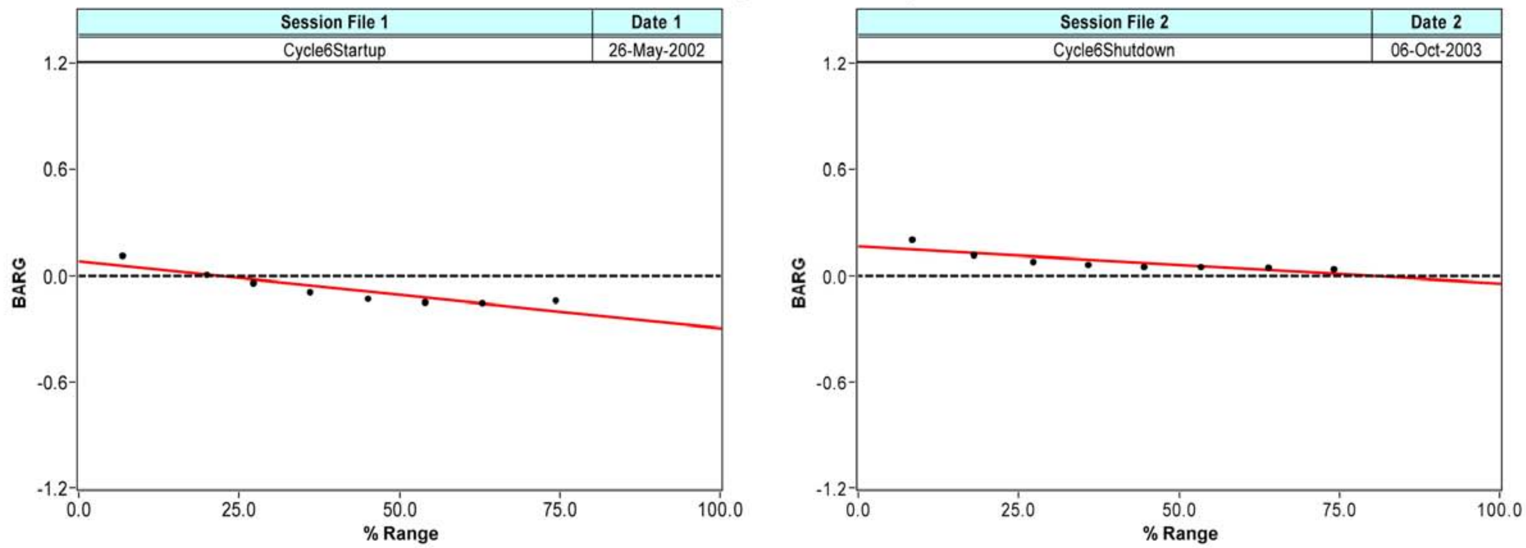
Analysis Information

	Tag ID	Zero Drift	Span Drift	Result
Group: MAIN STEAM PRESSURE LOOP 1				
	1AB-P-0513-W	-0.14	-0.47	Good
	1AB-P-0514-W	-0.09	-0.13	Good
	1AB-P-0515-W	-0.10	-0.35	Good
	1AB-P-0516-W	-0.07	-0.40	Good
	1AB-P-0177-W	-0.41	-0.53	Good
	1AB-P-0174-W	0.09	0.27	Bad
	1AB-P-0175-W	0.16	0.45	Bad
	1AB-P-0137-W	0.09	0.26	Bad
	1AB-P-0138-W	0.01	0.28	Bad

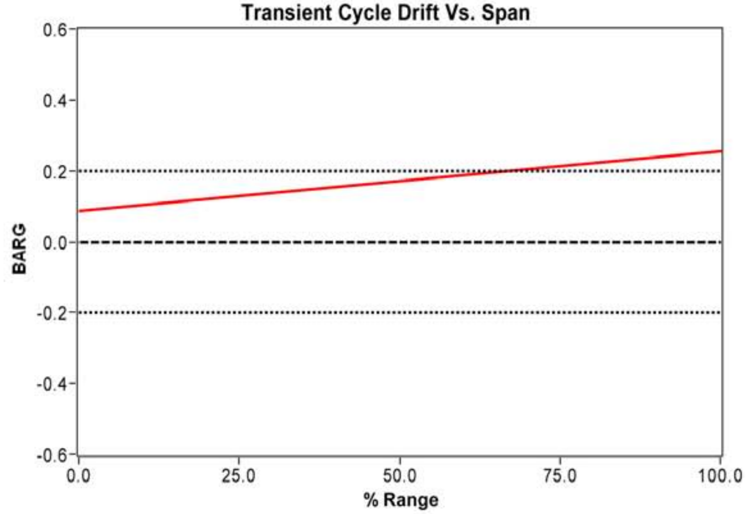
* = Recalibrated Between Date 1 and Date 2

Figure B-48
Main Steam Pressure Loop 1 (1AB-P-0175-W) Transient Drift Analysis: Cycle 6

Transient Cycle Drift Analysis



Transient Cycle Drift Vs. Span

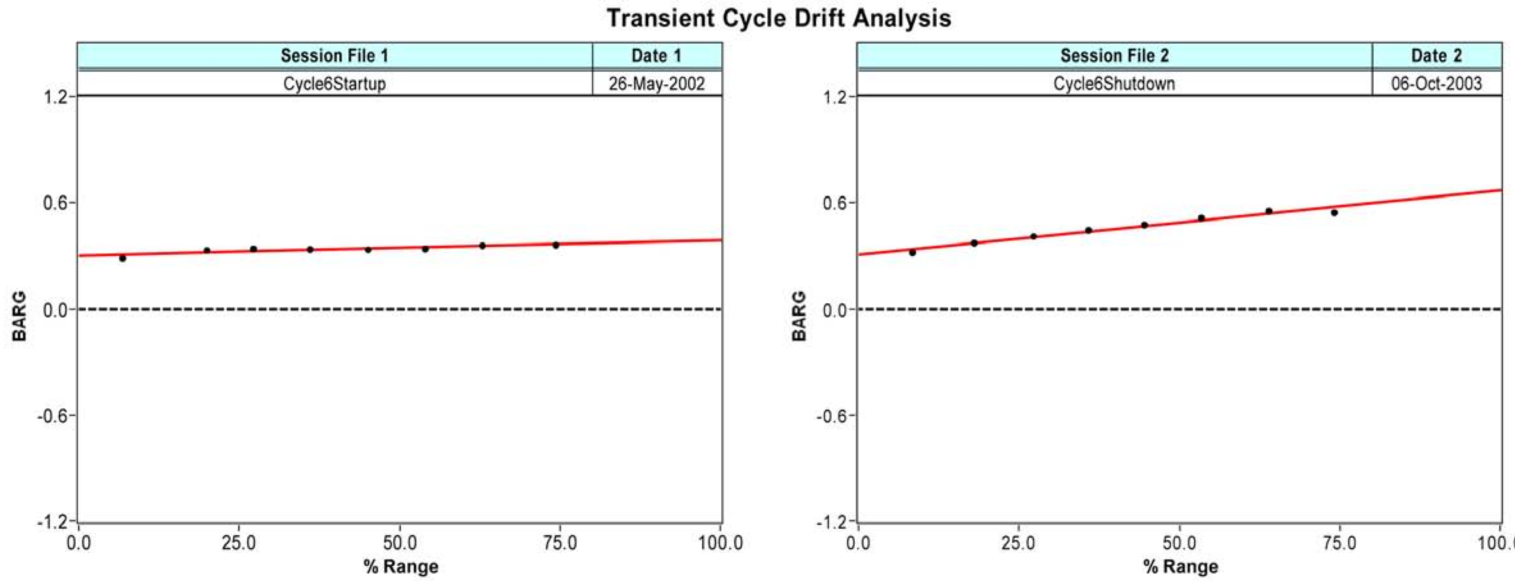


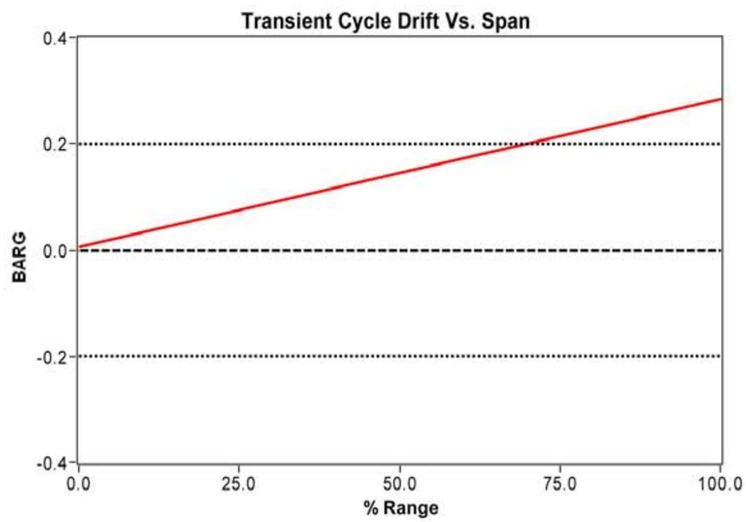
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 1				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0513-W	-0.14	-0.47	Good
	1AB-P-0514-W	-0.09	-0.13	Good
	1AB-P-0515-W	-0.10	-0.35	Good
	1AB-P-0516-W	-0.07	-0.40	Good
	1AB-P-0177-W	-0.41	-0.53	Good
	1AB-P-0174-W	0.09	0.27	Bad
	1AB-P-0175-W	0.16	0.45	Bad
	1AB-P-0137-W	0.09	0.26	Bad
	1AB-P-0138-W	0.01	0.28	Bad

* = Recalibrated Between Date 1 and Date 2

Figure B-49
Main Steam Pressure Loop 1 (1AB-P-0137-W) Transient Drift Analysis: Cycle 6





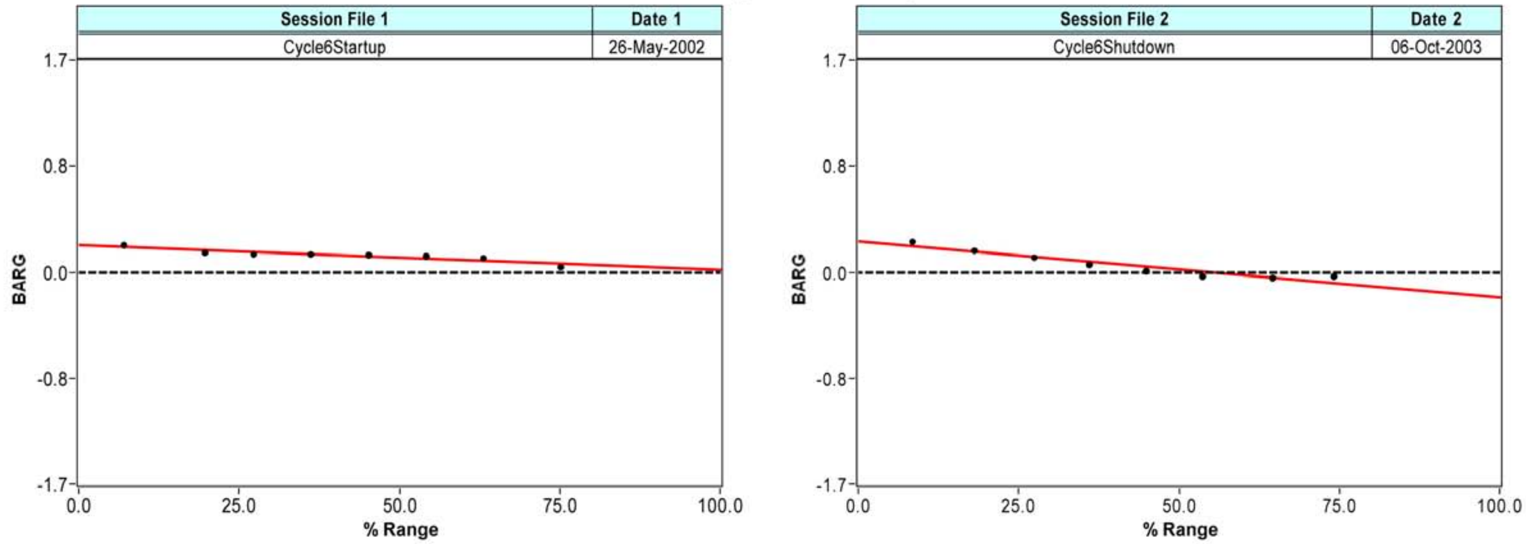
Analysis Information

	Tag ID	Zero Drift	Span Drift	Result
Group: MAIN STEAM PRESSURE LOOP 1				
	1AB-P-0513-W	-0.14	-0.47	Good
	1AB-P-0514-W	-0.09	-0.13	Good
	1AB-P-0515-W	-0.10	-0.35	Good
	1AB-P-0516-W	-0.07	-0.40	Good
	1AB-P-0177-W	-0.41	-0.53	Good
	1AB-P-0174-W	0.09	0.27	Bad
	1AB-P-0175-W	0.16	0.45	Bad
	1AB-P-0137-W	0.09	0.26	Bad
	1AB-P-0138-W	0.01	0.28	Bad

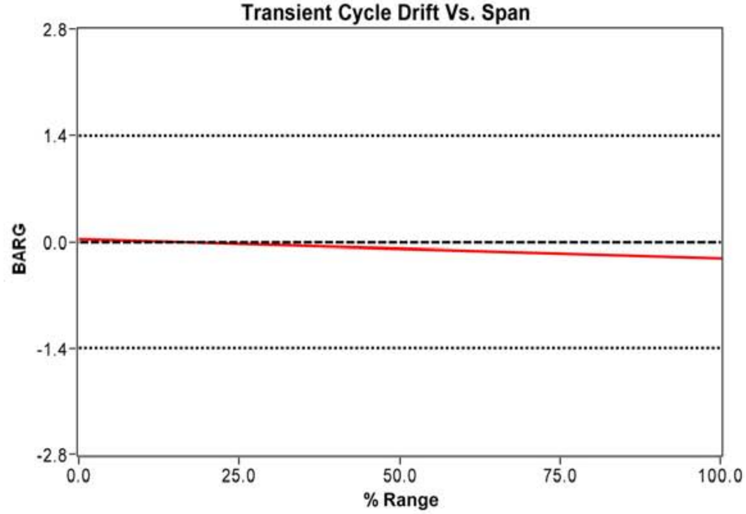
* = Recalibrated Between Date 1 and Date 2

Figure B-50
Main Steam Pressure Loop 1 (1AB-P-0138-W) Transient Drift Analysis: Cycle 6

Transient Cycle Drift Analysis



Transient Cycle Drift Vs. Span



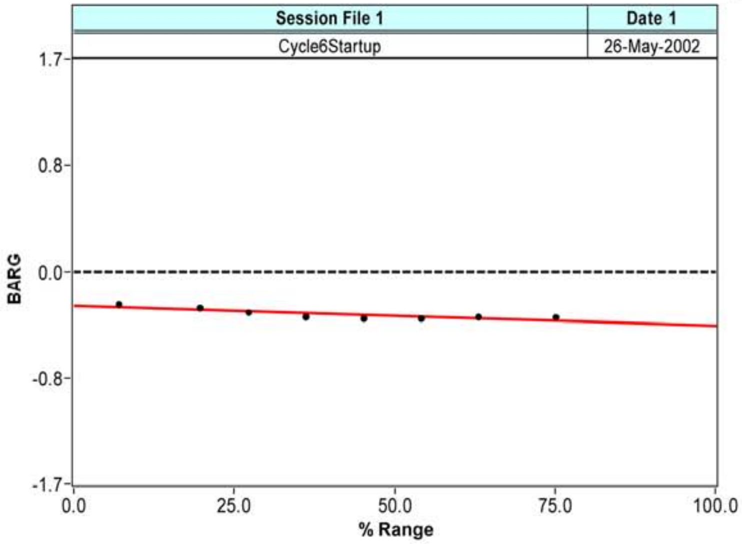
Analysis Information

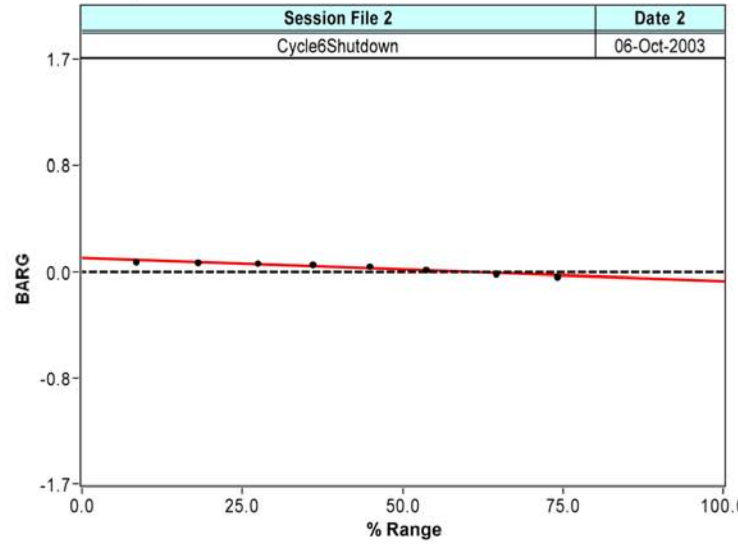
Group				
MAIN STEAM PRESSURE LOOP 2				
	Tag ID	Zero Drift	Span Drift	Result
✓	1AB-P-0523-W	0.03	-0.22	Good
	1AB-P-0524-W	0.38	0.35	Good
	1AB-P-0525-W	-0.00	-0.38	Good
	1AB-P-0526-W	0.53	0.32	Good
	1AB-P-0277-W	-1.08	-1.67	Bad
	1AB-P-0275-W	-0.03	0.15	Good
	1AB-P-0274-W	-0.28	-0.48	Bad
	1AB-P-0237-W	0.02	0.20	Good
	1AB-P-0238-W	0.12	0.30	Bad

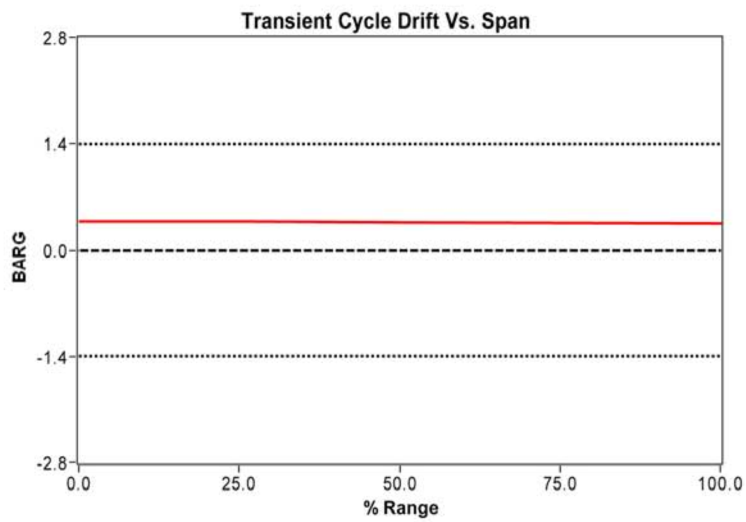
* = Recalibrated Between Date 1 and Date 2

Figure B-51
Main Steam Pressure Loop 2 (1AB-P-0523-W) Transient Drift Analysis: Cycle 6

Transient Cycle Drift Analysis





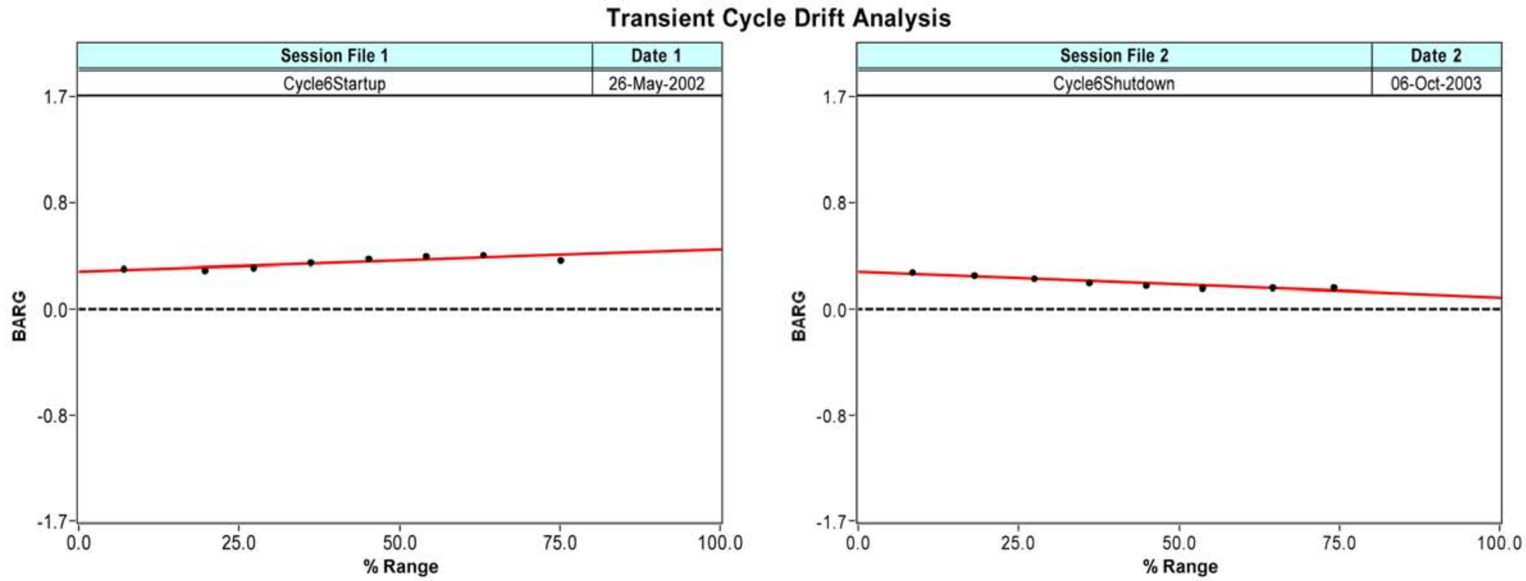


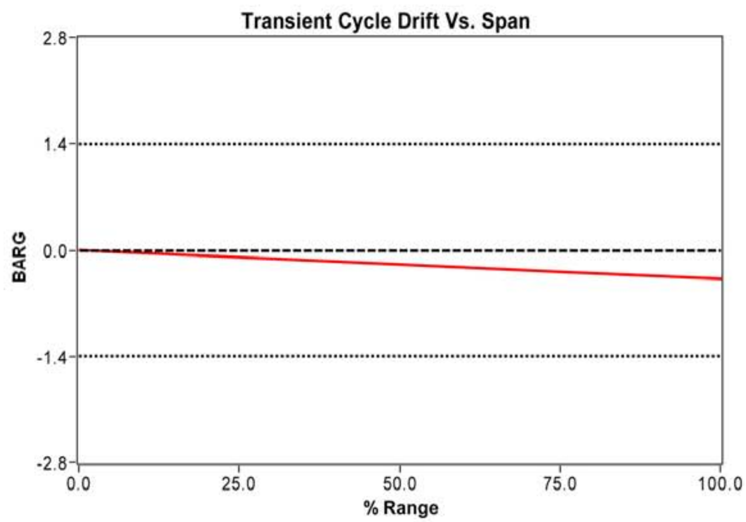
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 2				
	Tag ID	**Zero Drift**	**Span Drift**	**Result**
	1AB-P-0523-W	0.03	-0.22	Good
	1AB-P-0524-W	0.38	0.35	Good
	1AB-P-0525-W	-0.00	-0.38	Good
	1AB-P-0526-W	0.53	0.32	Good
	1AB-P-0277-W	-1.08	-1.67	Bad
	1AB-P-0275-W	-0.03	0.15	Good
	1AB-P-0274-W	-0.28	-0.48	Bad
	1AB-P-0237-W	0.02	0.20	Good
	1AB-P-0238-W	0.12	0.30	Bad

* = Recalibrated Between Date 1 and Date 2

Figure B-52
Main Steam Pressure Loop 2 (1AB-P-0524-W) Transient Drift Analysis: Cycle 6





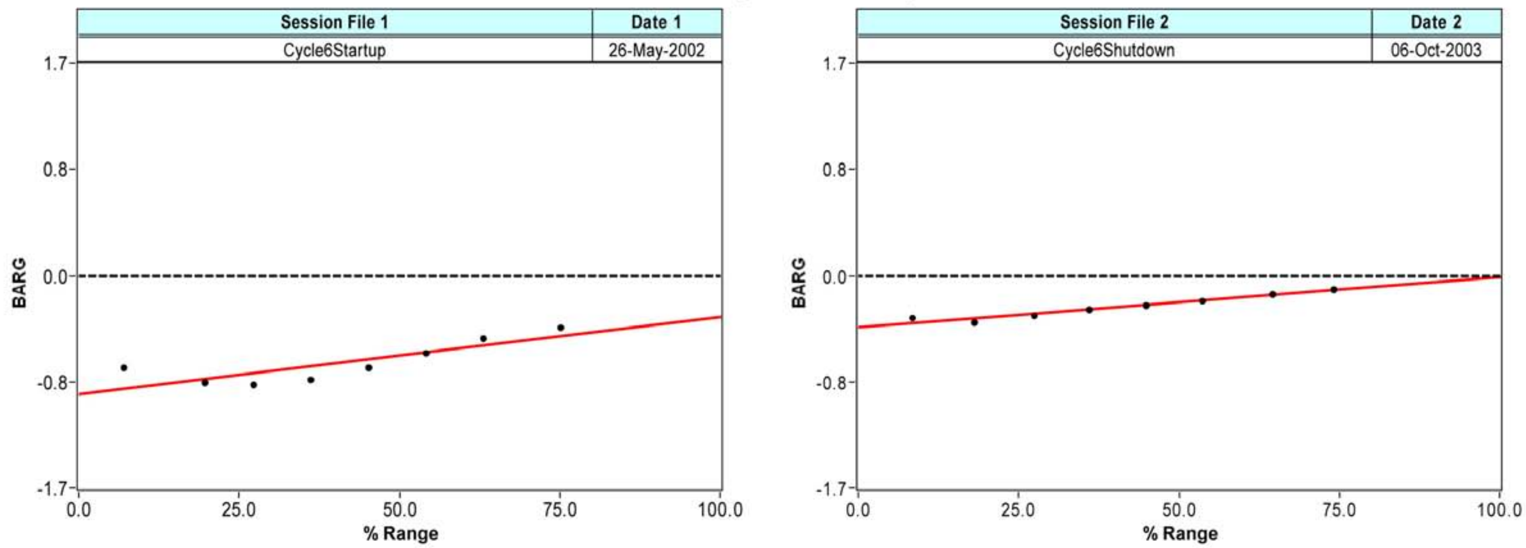
Analysis Information

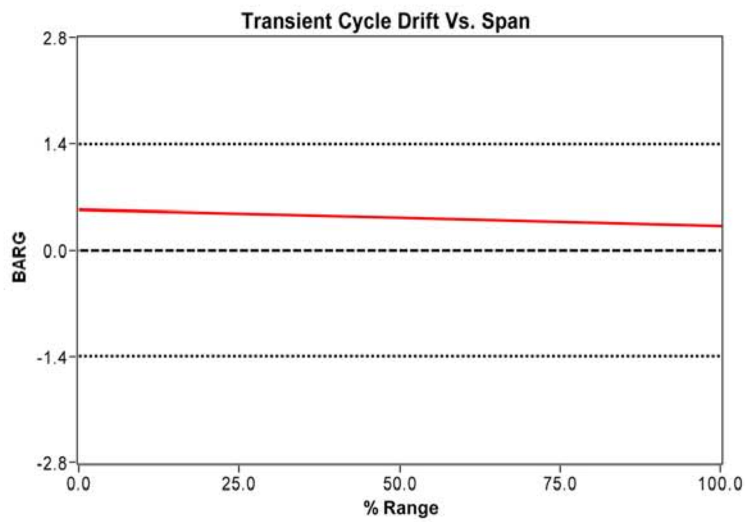
	Group			
	MAIN STEAM PRESSURE LOOP 2			
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0523-W	0.03	-0.22	Good
	1AB-P-0524-W	0.38	0.35	Good
	1AB-P-0525-W	-0.00	-0.38	Good
	1AB-P-0526-W	0.53	0.32	Good
	1AB-P-0277-W	-1.08	-1.67	Bad
	1AB-P-0275-W	-0.03	0.15	Good
	1AB-P-0274-W	-0.28	-0.48	Bad
	1AB-P-0237-W	0.02	0.20	Good
	1AB-P-0238-W	0.12	0.30	Bad

* = Recalibrated Between Date 1 and Date 2

Figure B-53
Main Steam Pressure Loop 2 (1AB-P-0525-W) Transient Drift Analysis: Cycle 6

Transient Cycle Drift Analysis





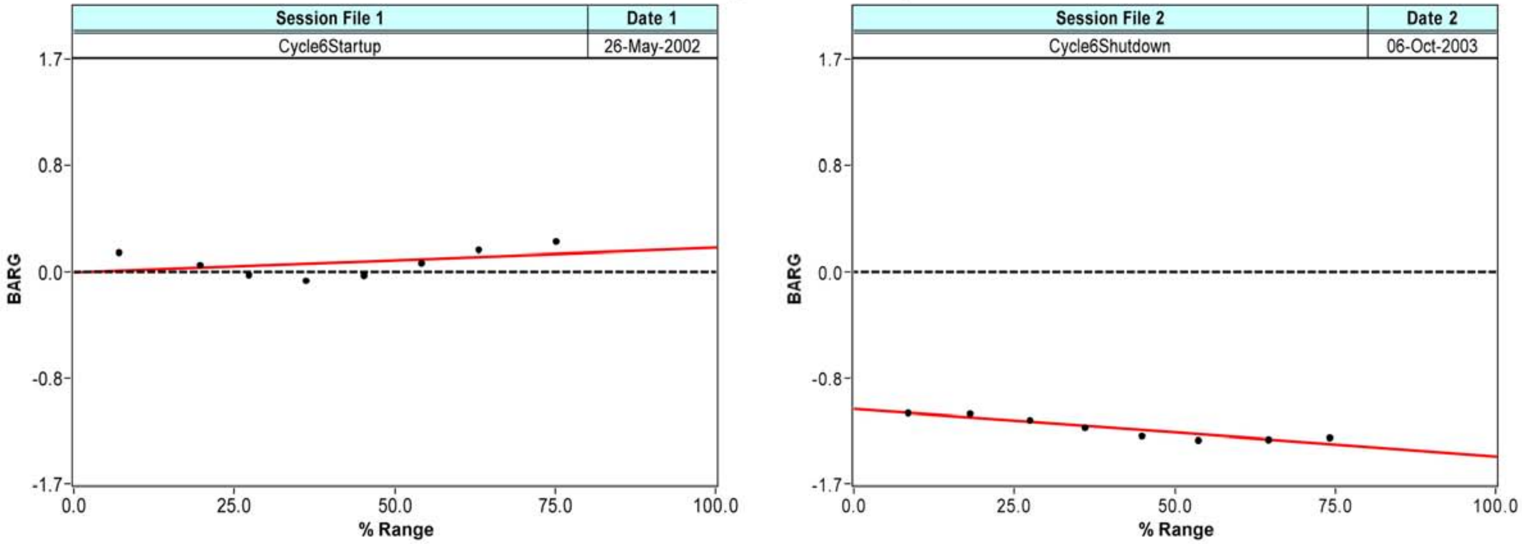
Analysis Information

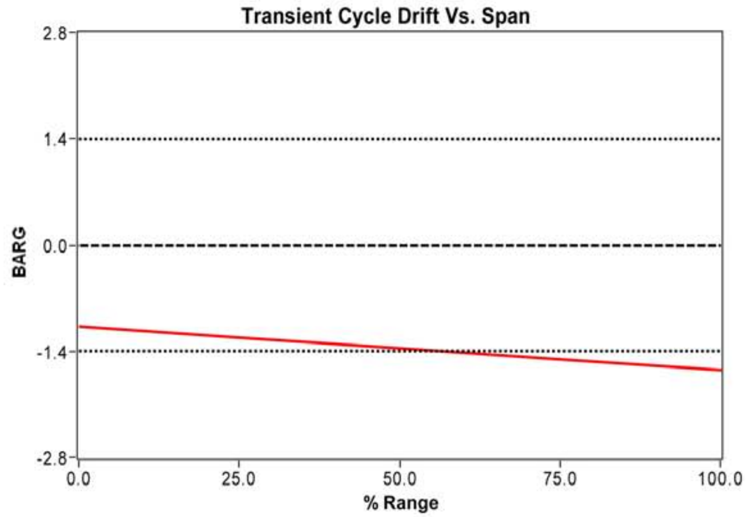
Group				
MAIN STEAM PRESSURE LOOP 2				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0523-W	0.03	-0.22	Good
	1AB-P-0524-W	0.38	0.35	Good
	1AB-P-0525-W	-0.00	-0.38	Good
	1AB-P-0526-W	0.53	0.32	Good
	1AB-P-0277-W	-1.08	-1.67	Bad
	1AB-P-0275-W	-0.03	0.15	Good
	1AB-P-0274-W	-0.28	-0.48	Bad
	1AB-P-0237-W	0.02	0.20	Good
	1AB-P-0238-W	0.12	0.30	Bad

* = Recalibrated Between Date 1 and Date 2

Figure B-54
Main Steam Pressure Loop 2 (1AB-P-0526-W) Transient Drift Analysis: Cycle 6

Transient Cycle Drift Analysis



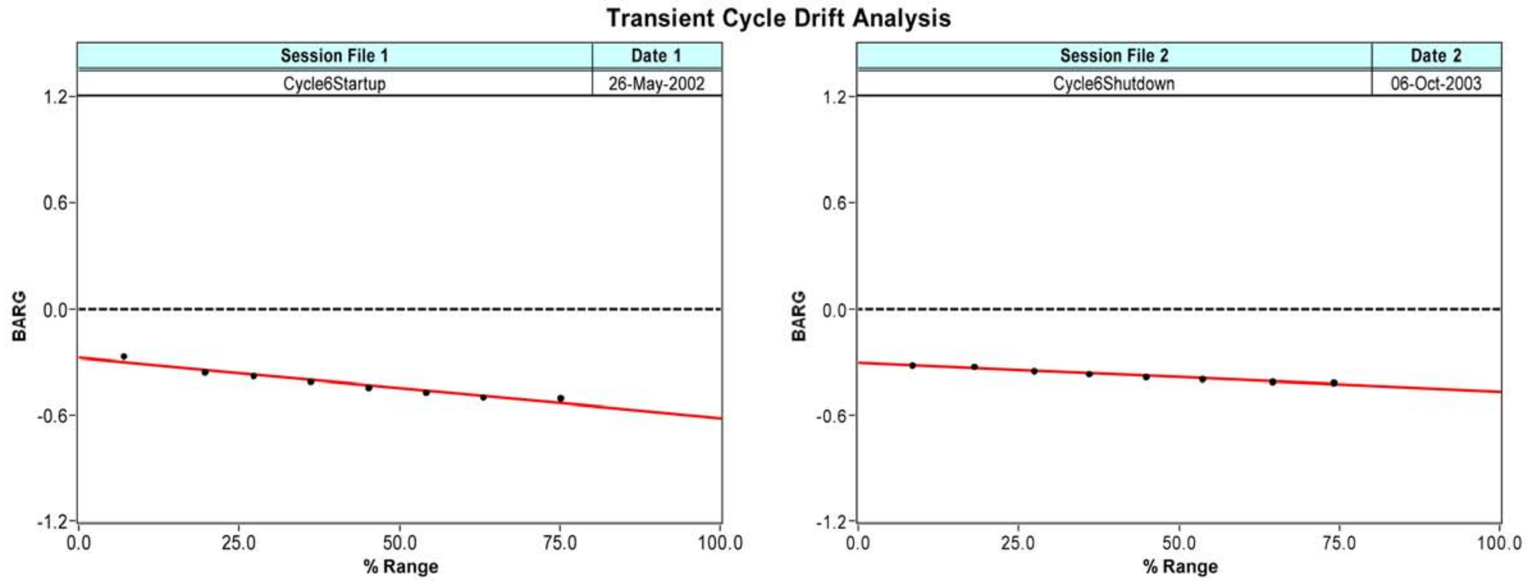


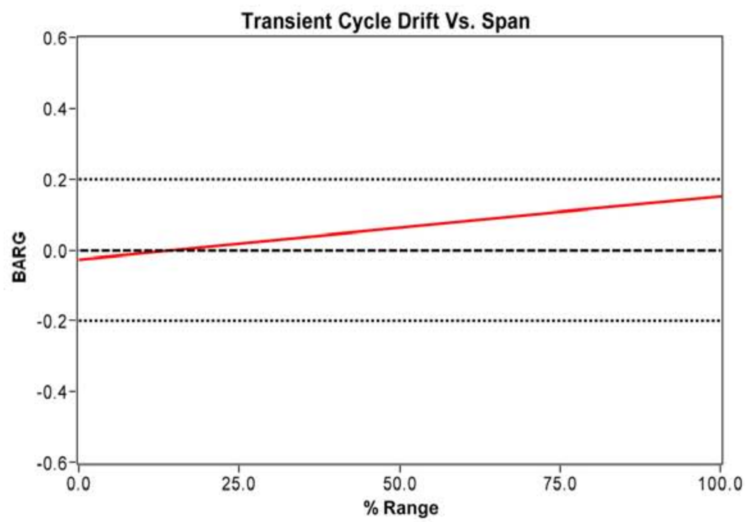
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 2				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0523-W	0.03	-0.22	Good
	1AB-P-0524-W	0.38	0.35	Good
	1AB-P-0525-W	-0.00	-0.38	Good
	1AB-P-0526-W	0.53	0.32	Good
	1AB-P-0277-W	-1.08	-1.67	Bad
	1AB-P-0275-W	-0.03	0.15	Good
	1AB-P-0274-W	-0.28	-0.48	Bad
	1AB-P-0237-W	0.02	0.20	Good
	1AB-P-0238-W	0.12	0.30	Bad

* = Recalibrated Between Date 1 and Date 2

Figure B-55
Main Steam Pressure Loop 2 (1AB-P-0277-W) Transient Drift Analysis: Cycle 6



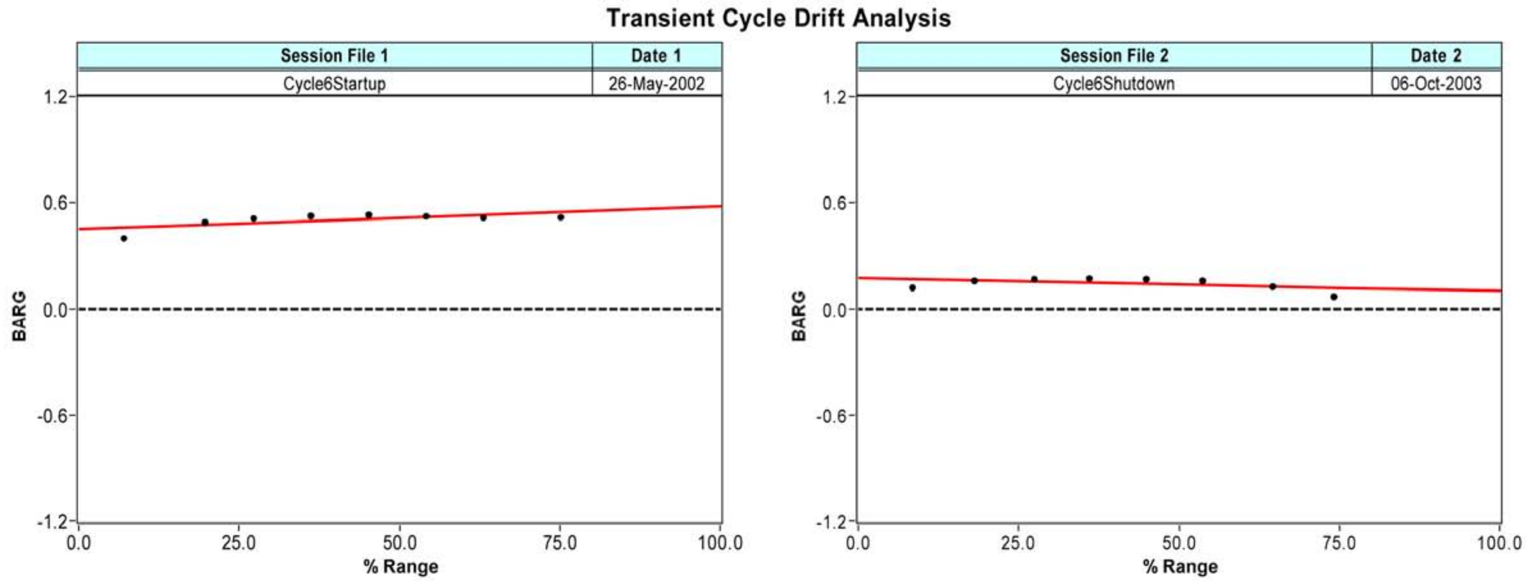


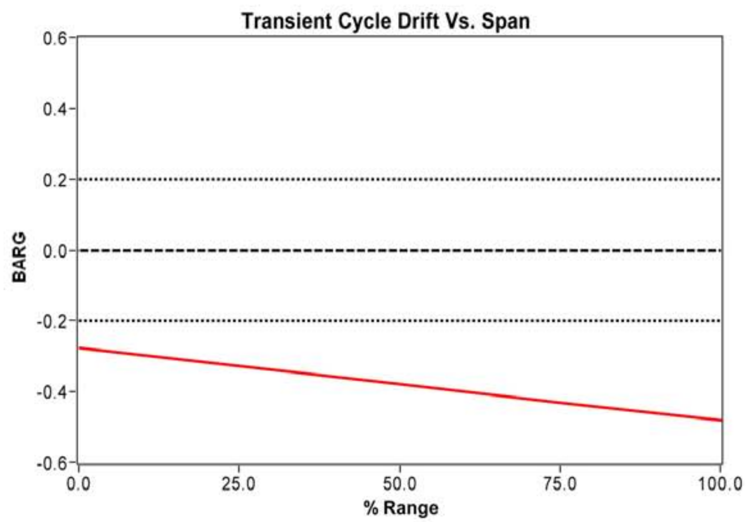
Analysis Information

	Group			
	MAIN STEAM PRESSURE LOOP 2			
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0523-W	0.03	-0.22	Good
	1AB-P-0524-W	0.38	0.35	Good
	1AB-P-0525-W	-0.00	-0.38	Good
	1AB-P-0526-W	0.53	0.32	Good
	1AB-P-0277-W	-1.08	-1.67	Bad
	1AB-P-0275-W	-0.03	0.15	Good
	1AB-P-0274-W	-0.28	-0.48	Bad
	1AB-P-0237-W	0.02	0.20	Good
	1AB-P-0238-W	0.12	0.30	Bad

* = Recalibrated Between Date 1 and Date 2

Figure B-56
Main Steam Pressure Loop 2 (1AB-P-0275-W) Transient Drift Analysis: Cycle 6



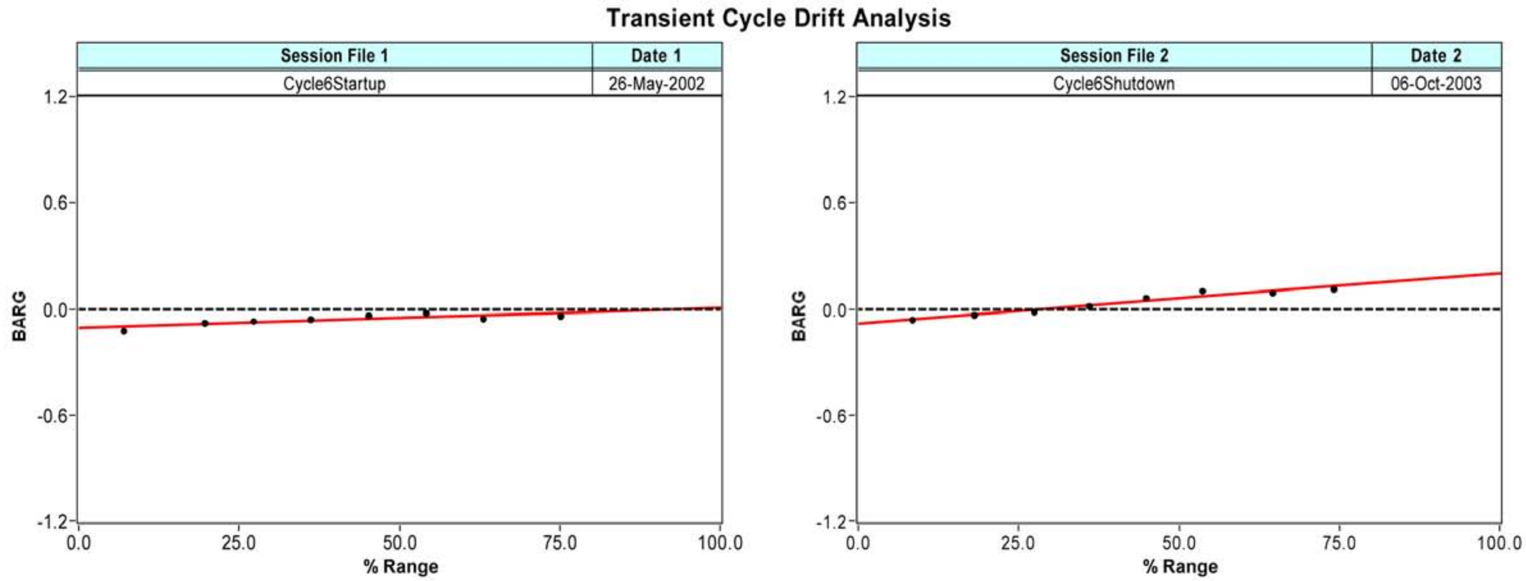


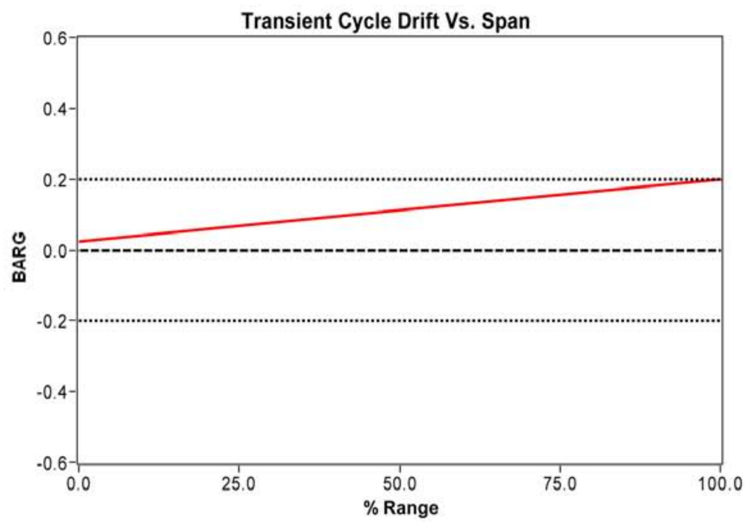
Analysis Information

	Group			
	MAIN STEAM PRESSURE LOOP 2			
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0523-W	0.03	-0.22	Good
	1AB-P-0524-W	0.38	0.35	Good
	1AB-P-0525-W	-0.00	-0.38	Good
	1AB-P-0526-W	0.53	0.32	Good
	1AB-P-0277-W	-1.08	-1.67	Bad
	1AB-P-0275-W	-0.03	0.15	Good
	1AB-P-0274-W	-0.28	-0.48	Bad
	1AB-P-0237-W	0.02	0.20	Good
	1AB-P-0238-W	0.12	0.30	Bad

* = Recalibrated Between Date 1 and Date 2

Figure B-57
Main Steam Pressure Loop 2 (1AB-P-0274-W) Transient Drift Analysis: Cycle 6





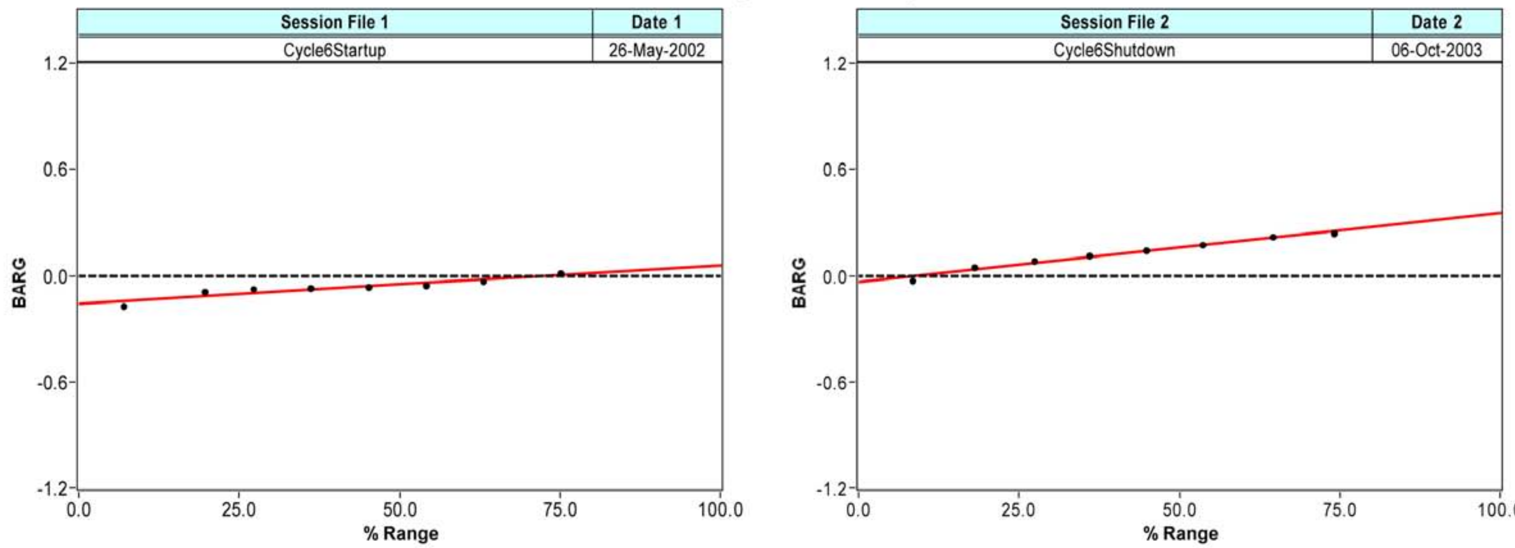
Analysis Information

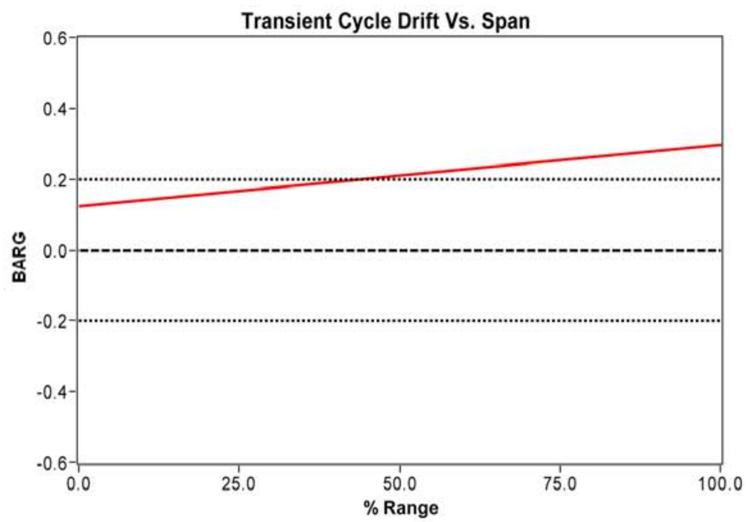
Group				
MAIN STEAM PRESSURE LOOP 2				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0523-W	0.03	-0.22	Good
	1AB-P-0524-W	0.38	0.35	Good
	1AB-P-0525-W	-0.00	-0.38	Good
	1AB-P-0526-W	0.53	0.32	Good
	1AB-P-0277-W	-1.08	-1.67	Bad
	1AB-P-0275-W	-0.03	0.15	Good
	1AB-P-0274-W	-0.28	-0.48	Bad
	1AB-P-0237-W	0.02	0.20	Good
	1AB-P-0238-W	0.12	0.30	Bad

* = Recalibrated Between Date 1 and Date 2

Figure B-58
Main Steam Pressure Loop 2 (1AB-P-0237-W) Transient Drift Analysis: Cycle 6

Transient Cycle Drift Analysis





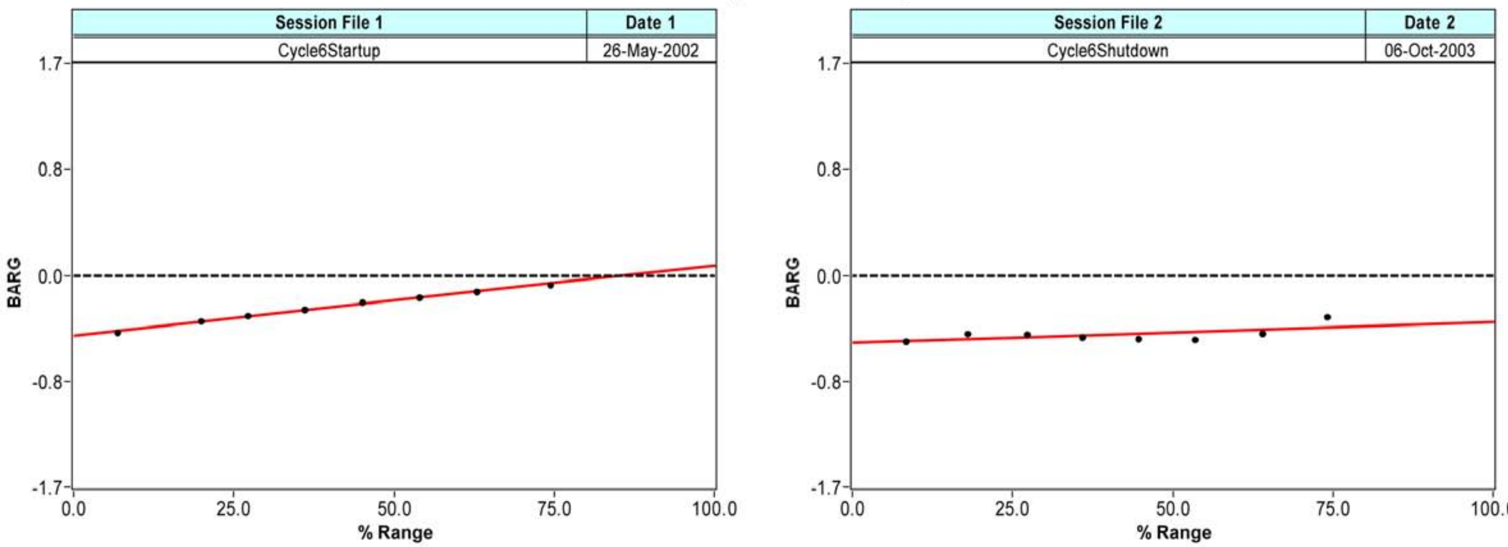
Analysis Information

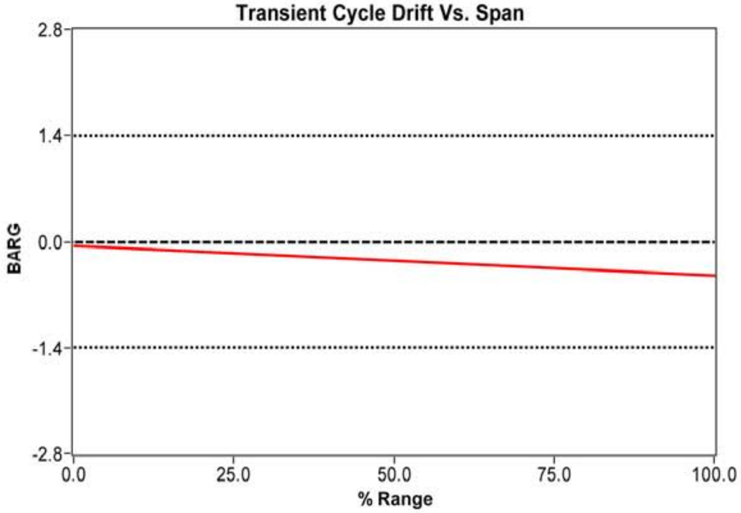
Group				
MAIN STEAM PRESSURE LOOP 2				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0523-W	0.03	-0.22	Good
	1AB-P-0524-W	0.38	0.35	Good
	1AB-P-0525-W	-0.00	-0.38	Good
	1AB-P-0526-W	0.53	0.32	Good
	1AB-P-0277-W	-1.08	-1.67	Bad
	1AB-P-0275-W	-0.03	0.15	Good
	1AB-P-0274-W	-0.28	-0.48	Bad
	1AB-P-0237-W	0.02	0.20	Good
	1AB-P-0238-W	0.12	0.30	Bad

* = Recalibrated Between Date 1 and Date 2

Figure B-59
Main Steam Pressure Loop 2 (1AB-P-0238-W) Transient Drift Analysis: Cycle 6

Transcient Cycle Drift Analysis



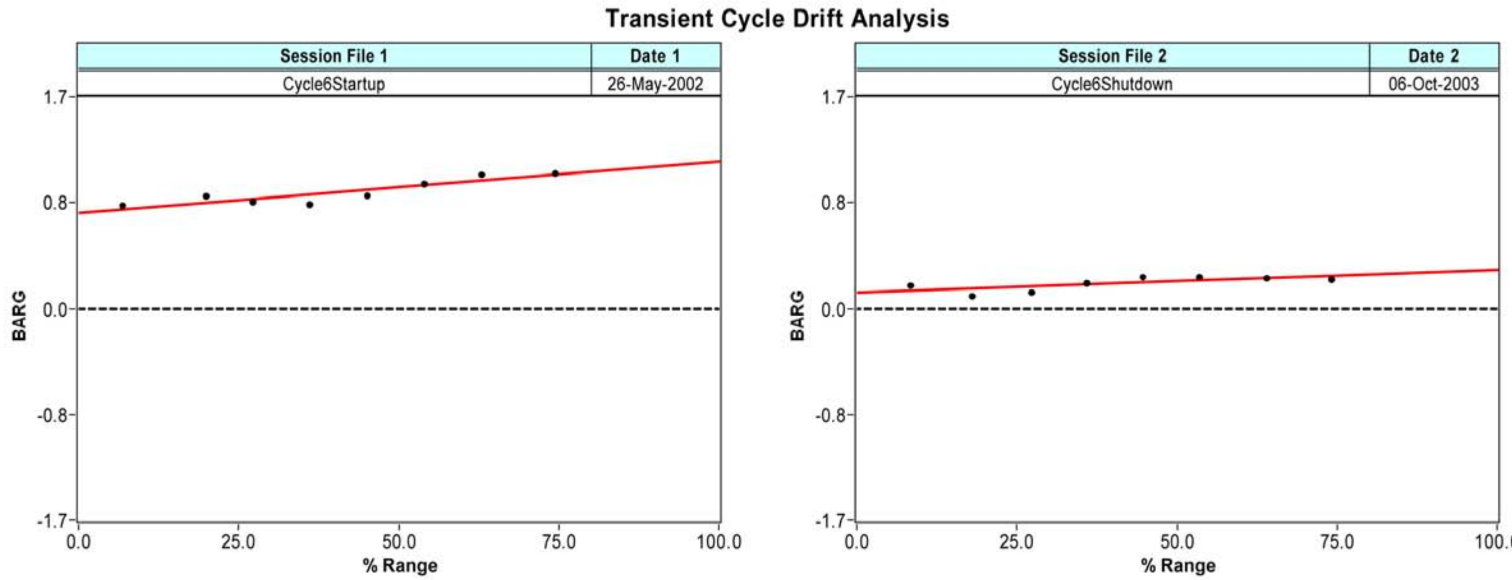


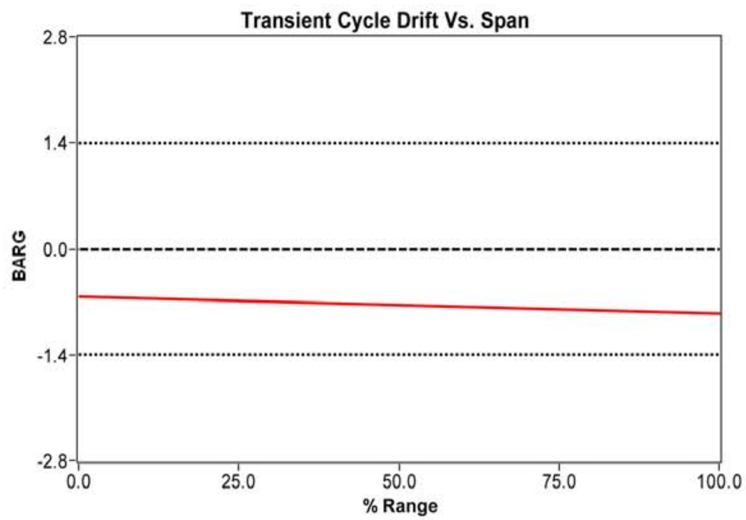
Analysis Information

	Tag ID	Zero Drift	Span Drift	Result
Group				
MAIN STEAM PRESSURE LOOP 3				
	1AB-P-0533-W	-0.06	-0.46	Good
	1AB-P-0534-W	-0.64	-0.87	Good
	1AB-P-0535-W	-0.04	-0.23	Good
	1AB-P-0536-W	-0.05	-0.04	Good
	1AB-P-0377-W	0.14	-0.22	Good
	1AB-P-0337-W	-0.00	-0.06	Good
	1AB-P-0338-W	0.00	-0.02	Good
	1AB-P-0375-W	-0.04	0.02	Good
	1AB-P-0374-W	0.05	0.14	Good

* = Recalibrated Between Date 1 and Date 2

Figure B-60
Main Steam Pressure Loop 3 (1AB-P-0533-W) Transient Drift Analysis: Cycle 6



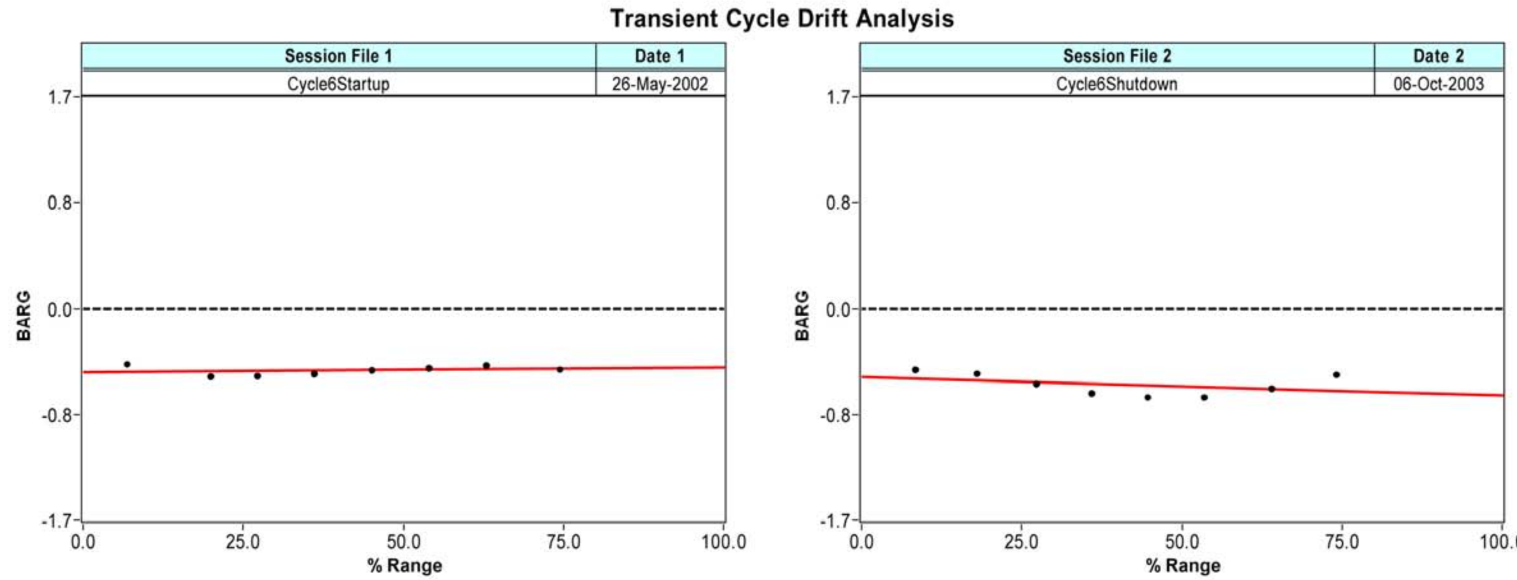


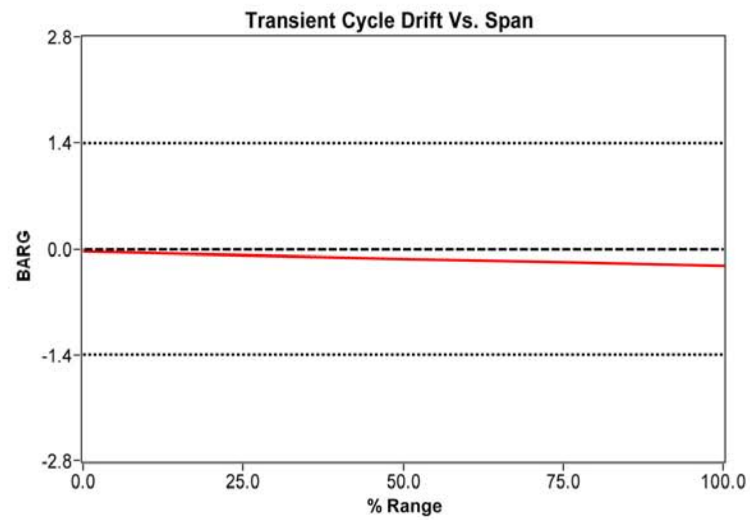
Analysis Information

	Tag ID	Zero Drift	Span Drift	Result
Group				
MAIN STEAM PRESSURE LOOP 3				
	1AB-P-0533-W	-0.06	-0.46	Good
	1AB-P-0534-W	-0.64	-0.87	Good
	1AB-P-0535-W	-0.04	-0.23	Good
	1AB-P-0536-W	-0.05	-0.04	Good
	1AB-P-0377-W	0.14	-0.22	Good
	1AB-P-0337-W	-0.00	-0.06	Good
	1AB-P-0338-W	0.00	-0.02	Good
	1AB-P-0375-W	-0.04	0.02	Good
	1AB-P-0374-W	0.05	0.14	Good

* = Recalibrated Between Date 1 and Date 2

Figure B-61
Main Steam Pressure Loop 3 (1AB-P-0534-W) Transient Drift Analysis: Cycle 6





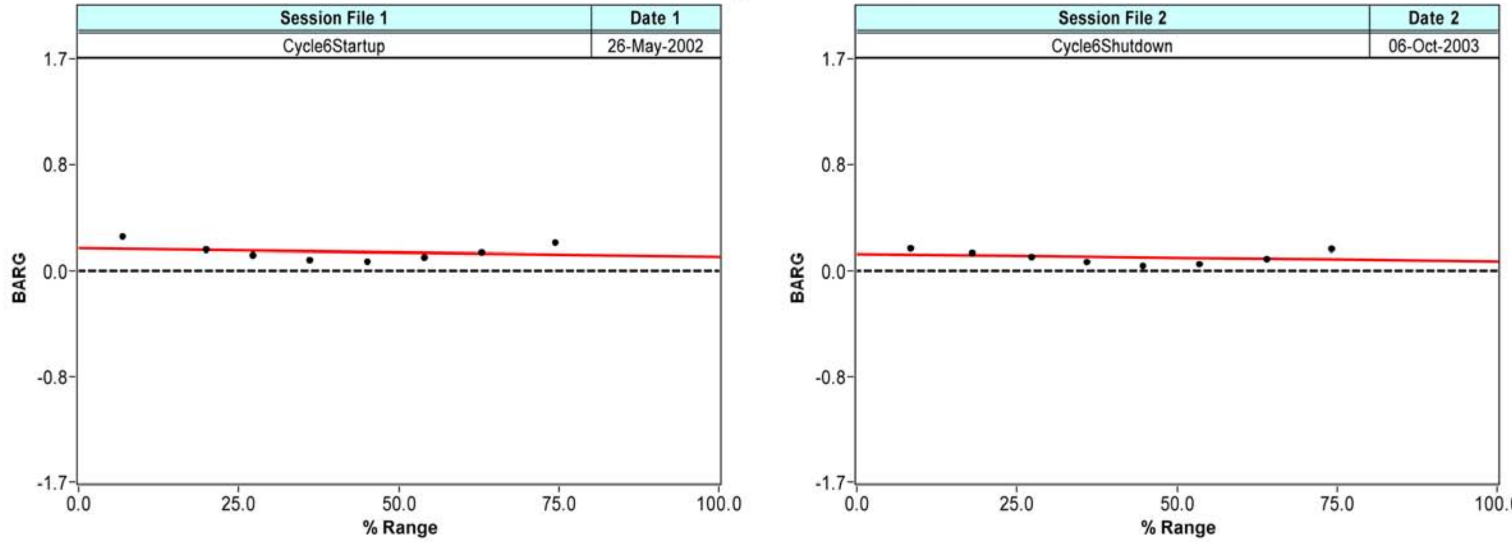
Analysis Information

	Group			
	MAIN STEAM PRESSURE LOOP 3			
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0533-W	-0.06	-0.46	Good
	1AB-P-0534-W	-0.64	-0.87	Good
	1AB-P-0535-W	-0.04	-0.23	Good
	1AB-P-0536-W	-0.05	-0.04	Good
	1AB-P-0377-W	0.14	-0.22	Good
	1AB-P-0337-W	-0.00	-0.06	Good
	1AB-P-0338-W	0.00	-0.02	Good
	1AB-P-0375-W	-0.04	0.02	Good
	1AB-P-0374-W	0.05	0.14	Good

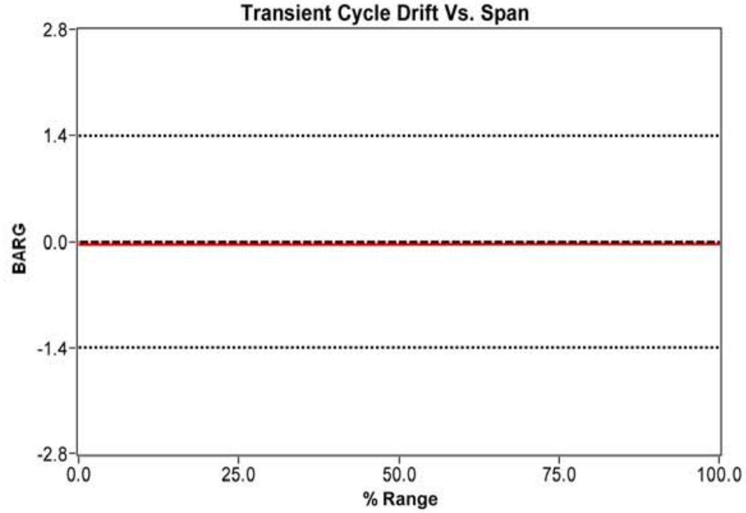
* = Recalibrated Between Date 1 and Date 2

Figure B-62
Main Steam Pressure Loop 3 (1AB-P-0535-W) Transient Drift Analysis: Cycle 6

Transient Cycle Drift Analysis



Transient Cycle Drift Vs. Span

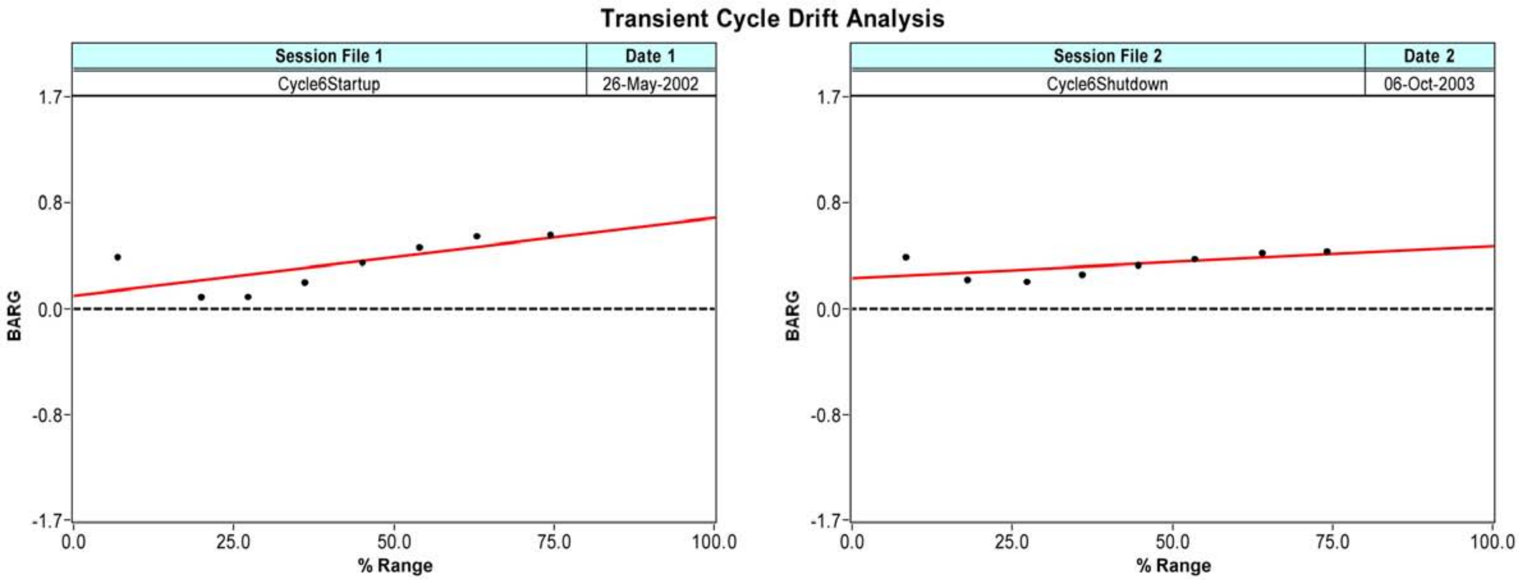


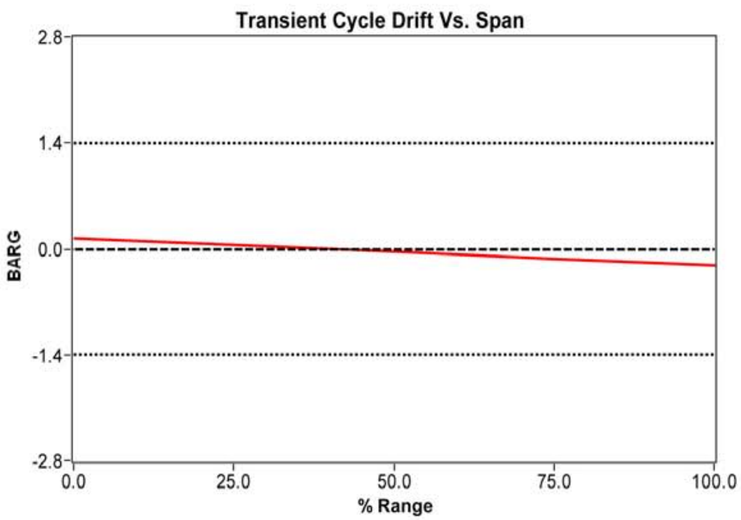
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 3				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0533-W	-0.06	-0.46	Good
	1AB-P-0534-W	-0.64	-0.87	Good
	1AB-P-0535-W	-0.04	-0.23	Good
	1AB-P-0536-W	-0.05	-0.04	Good
	1AB-P-0377-W	0.14	-0.22	Good
	1AB-P-0337-W	-0.00	-0.06	Good
	1AB-P-0338-W	0.00	-0.02	Good
	1AB-P-0375-W	-0.04	0.02	Good
	1AB-P-0374-W	0.05	0.14	Good

* = Recalibrated Between Date 1 and Date 2

Figure B-63
Main Steam Pressure Loop 3 (1AB-P-0536-W) Transient Drift Analysis: Cycle 6





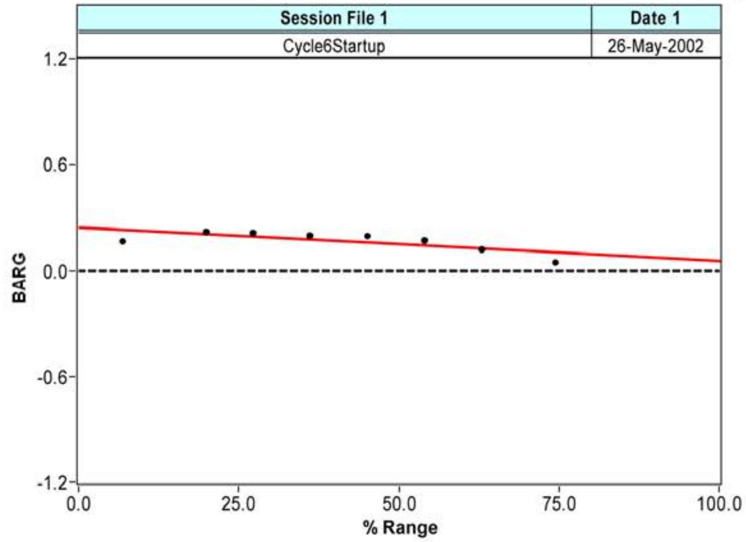
Analysis Information

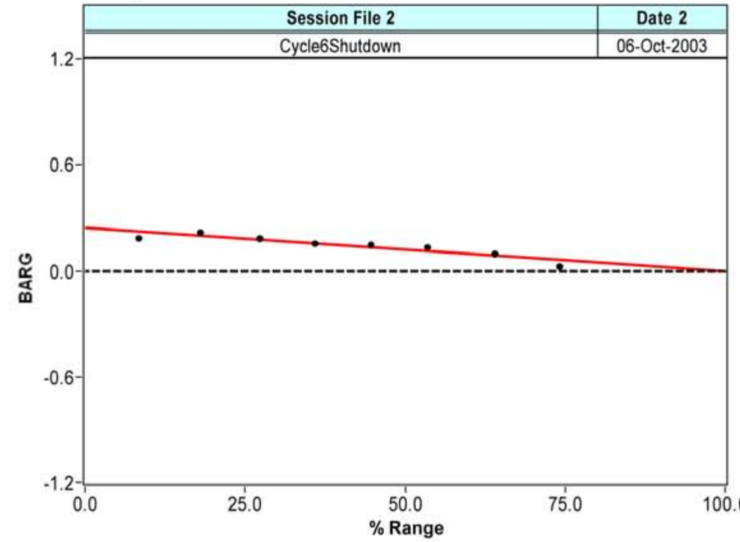
Group				
MAIN STEAM PRESSURE LOOP 3				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0533-W	-0.06	-0.46	Good
	1AB-P-0534-W	-0.64	-0.87	Good
	1AB-P-0535-W	-0.04	-0.23	Good
	1AB-P-0536-W	-0.05	-0.04	Good
	1AB-P-0377-W	0.14	-0.22	Good
	1AB-P-0337-W	-0.00	-0.06	Good
	1AB-P-0338-W	0.00	-0.02	Good
	1AB-P-0375-W	-0.04	0.02	Good
	1AB-P-0374-W	0.05	0.14	Good

* = Recalibrated Between Date 1 and Date 2

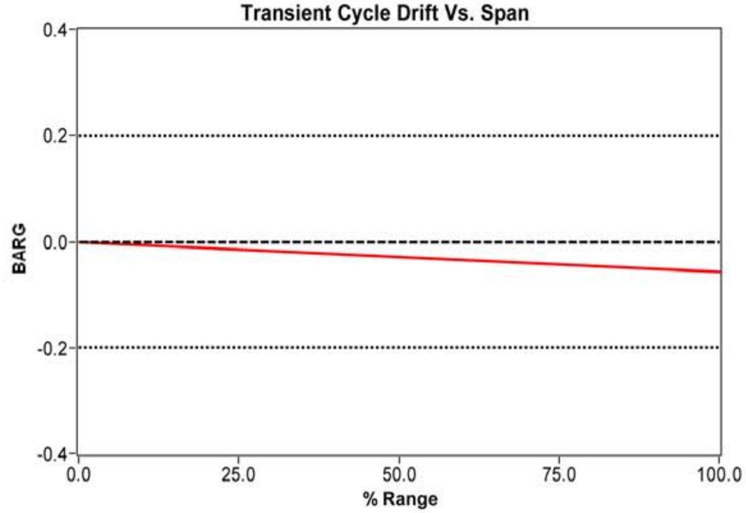
Figure B-64
Main Steam Pressure Loop 3 (1AB-P-0377-W) Transient Drift Analysis: Cycle 6

Transient Cycle Drift Analysis





Transient Cycle Drift Vs. Span



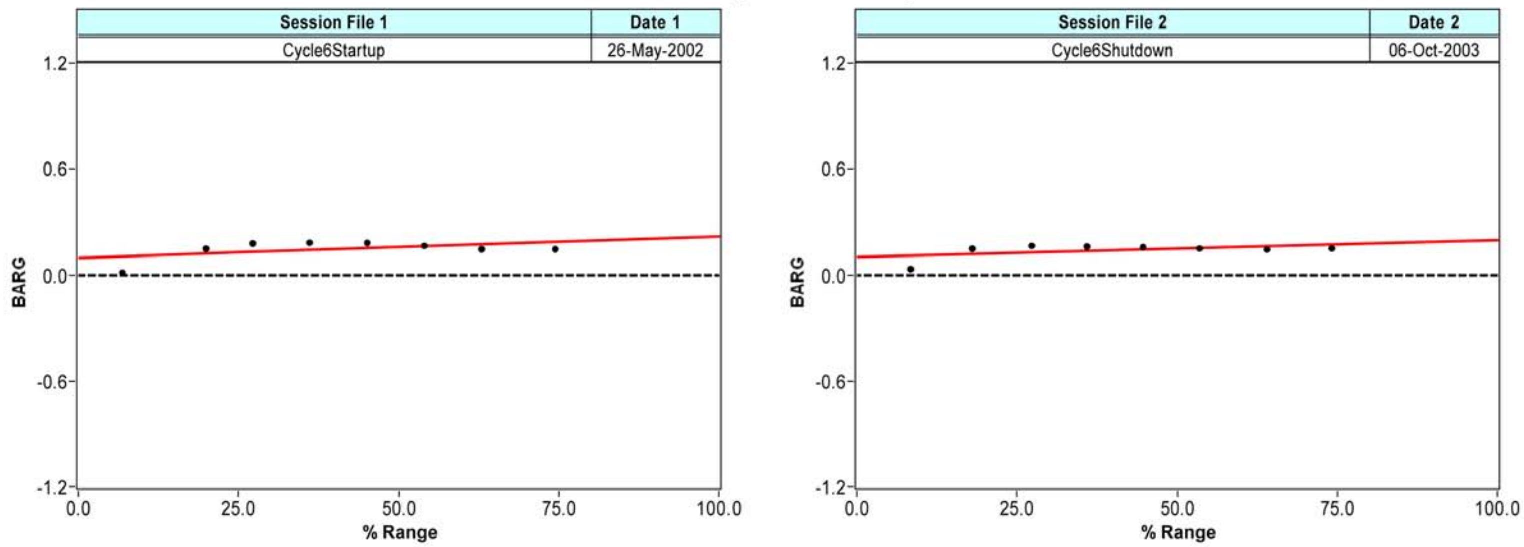
Analysis Information

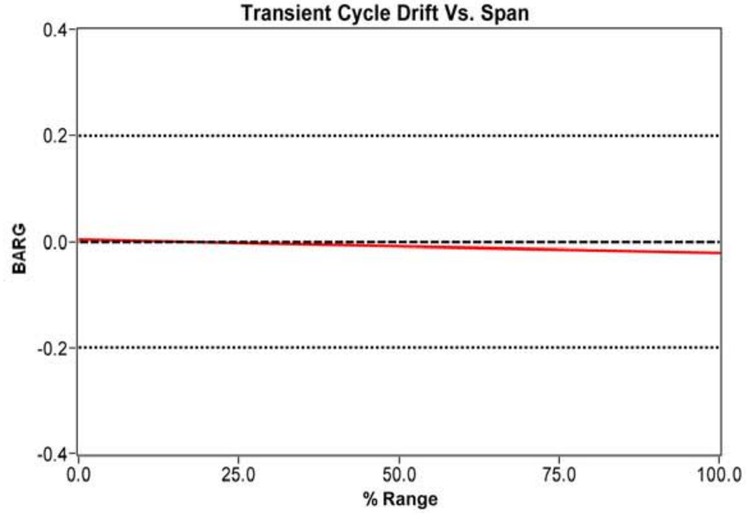
Group				
MAIN STEAM PRESSURE LOOP 3				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0533-W	-0.06	-0.46	Good
	1AB-P-0534-W	-0.64	-0.87	Good
	1AB-P-0535-W	-0.04	-0.23	Good
	1AB-P-0536-W	-0.05	-0.04	Good
	1AB-P-0377-W	0.14	-0.22	Good
	1AB-P-0337-W	-0.00	-0.06	Good
	1AB-P-0338-W	0.00	-0.02	Good
	1AB-P-0375-W	-0.04	0.02	Good
	1AB-P-0374-W	0.05	0.14	Good

* = Recalibrated Between Date 1 and Date 2

Figure B-65
Main Steam Pressure Loop 3 (1AB-P-0337-W) Transient Drift Analysis: Cycle 6

Transient Cycle Drift Analysis



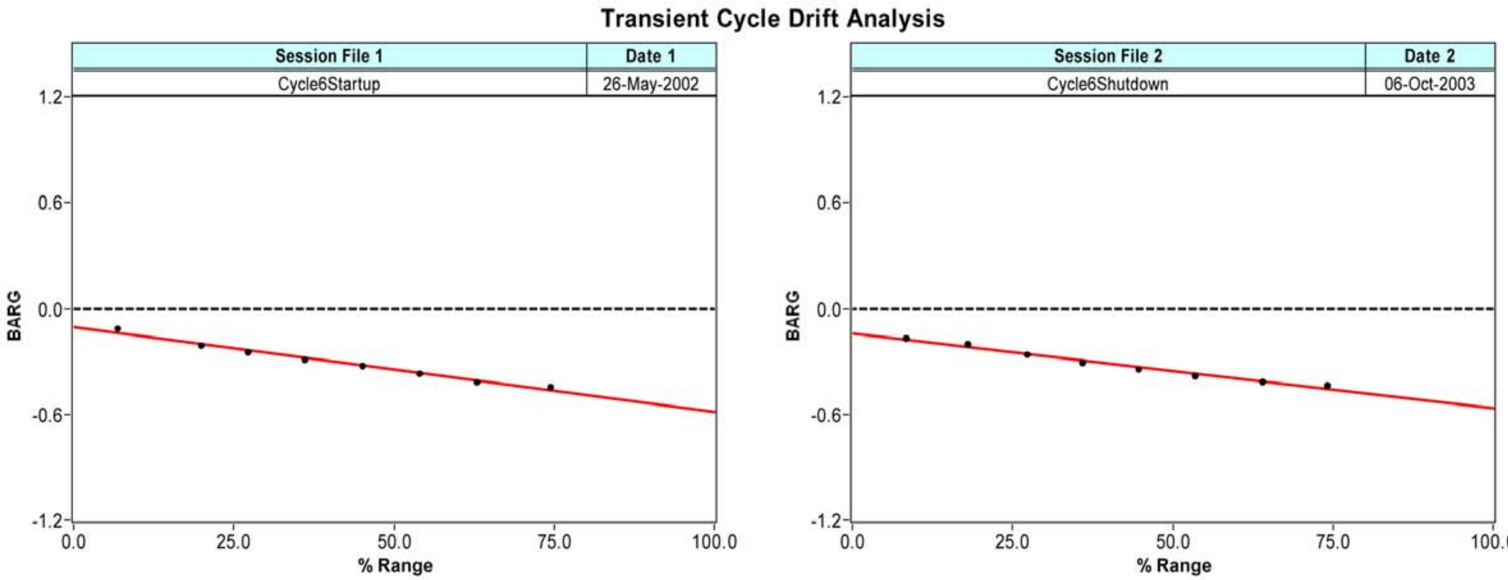


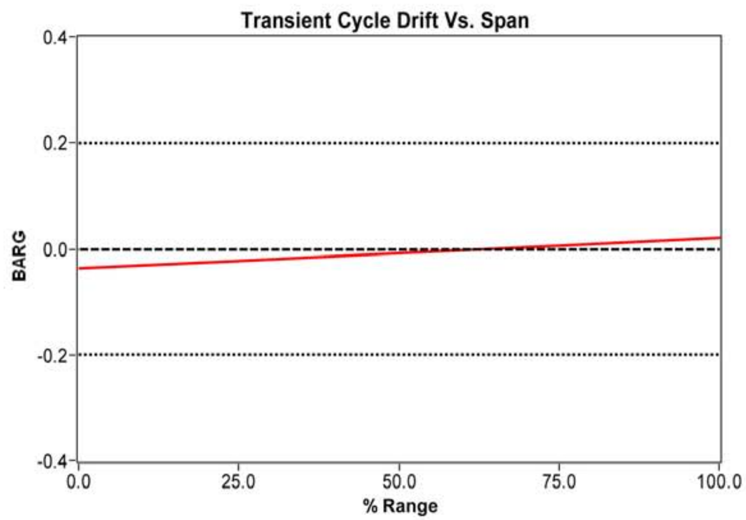
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 3				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0533-W	-0.06	-0.46	Good
	1AB-P-0534-W	-0.64	-0.87	Good
	1AB-P-0535-W	-0.04	-0.23	Good
	1AB-P-0536-W	-0.05	-0.04	Good
	1AB-P-0377-W	0.14	-0.22	Good
	1AB-P-0337-W	-0.00	-0.06	Good
	1AB-P-0338-W	0.00	-0.02	Good
	1AB-P-0375-W	-0.04	0.02	Good
	1AB-P-0374-W	0.05	0.14	Good

* = Recalibrated Between Date 1 and Date 2

Figure B-66
Main Steam Pressure Loop 3 (1AB-P-0338-W) Transient Drift Analysis: Cycle 6





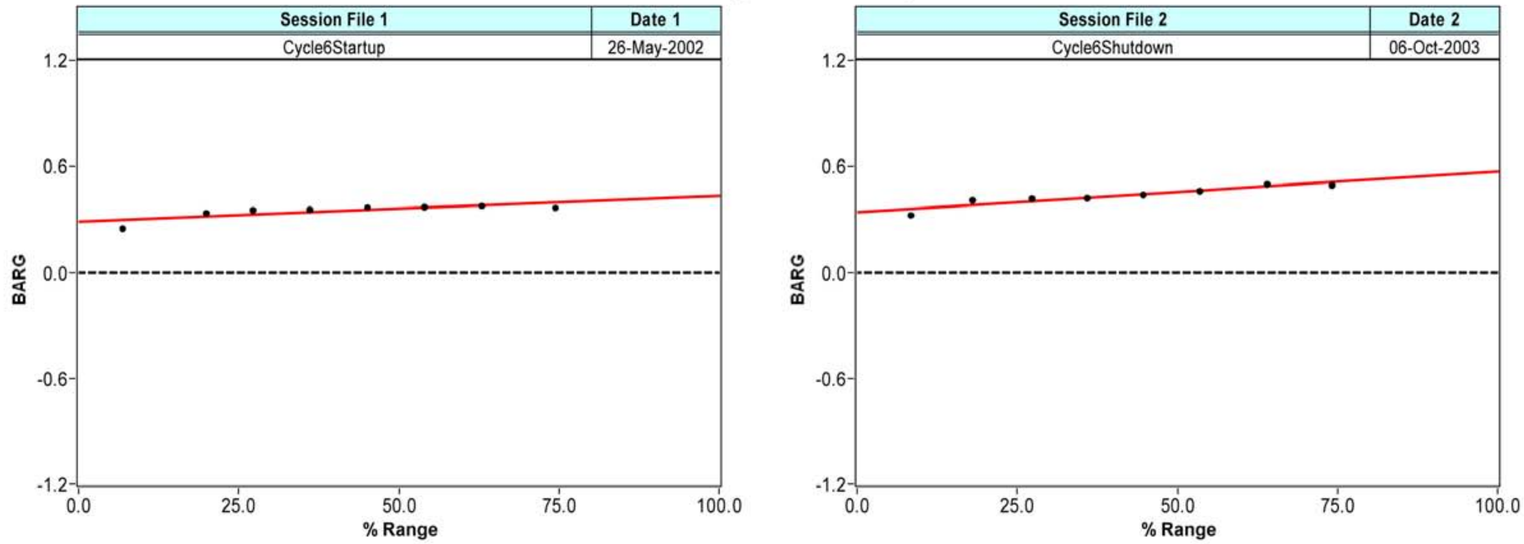
Analysis Information

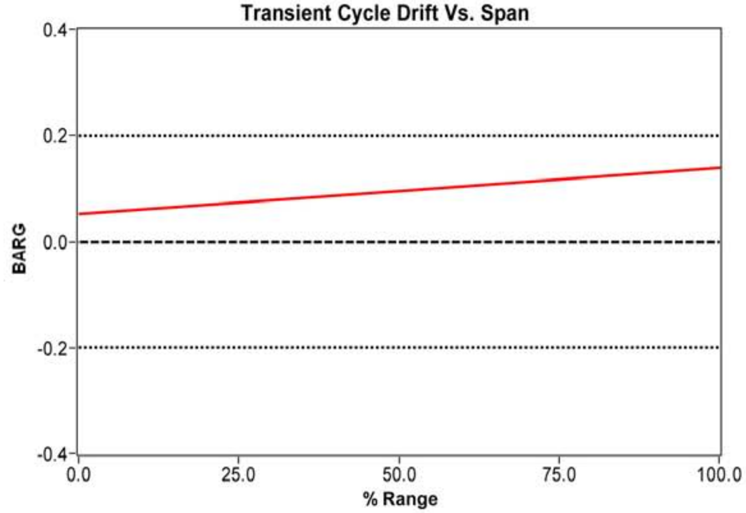
	Group			
	MAIN STEAM PRESSURE LOOP 3			
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0533-W	-0.06	-0.46	Good
	1AB-P-0534-W	-0.64	-0.87	Good
	1AB-P-0535-W	-0.04	-0.23	Good
	1AB-P-0536-W	-0.05	-0.04	Good
	1AB-P-0377-W	0.14	-0.22	Good
	1AB-P-0337-W	-0.00	-0.06	Good
	1AB-P-0338-W	0.00	-0.02	Good
	1AB-P-0375-W	-0.04	0.02	Good
	1AB-P-0374-W	0.05	0.14	Good

* = Recalibrated Between Date 1 and Date 2

Figure B-67
Main Steam Pressure Loop 3 (1AB-P-0375-W) Transient Drift Analysis: Cycle 6

Transient Cycle Drift Analysis





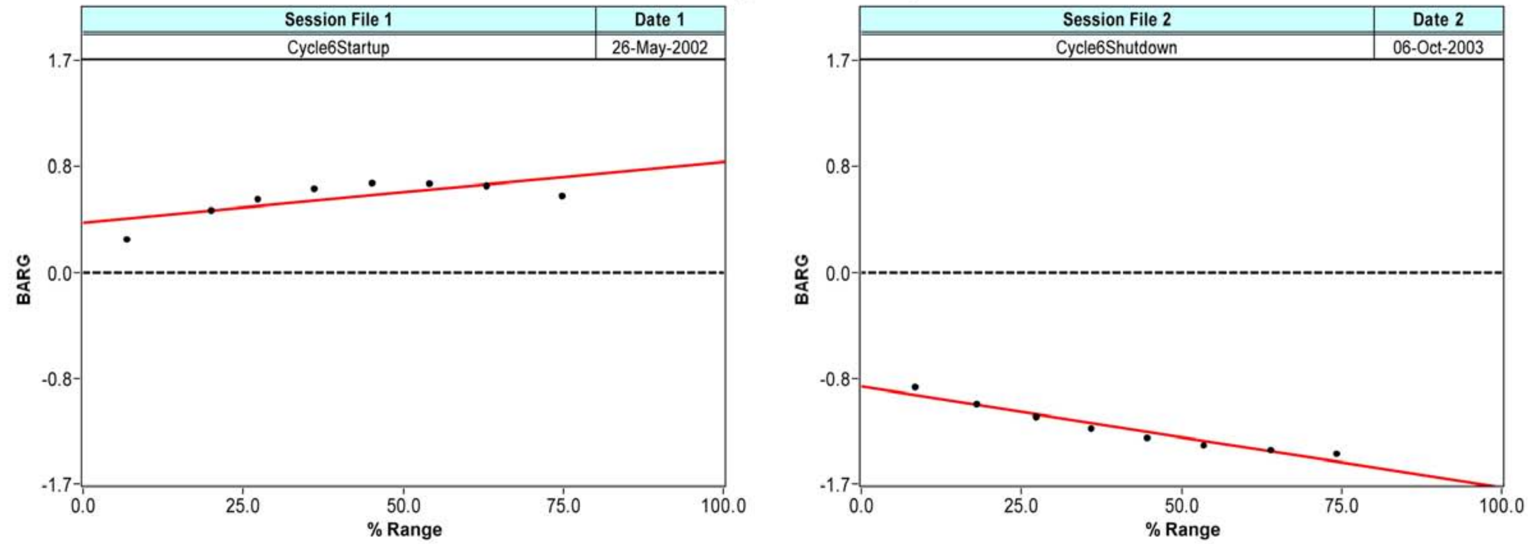
Analysis Information

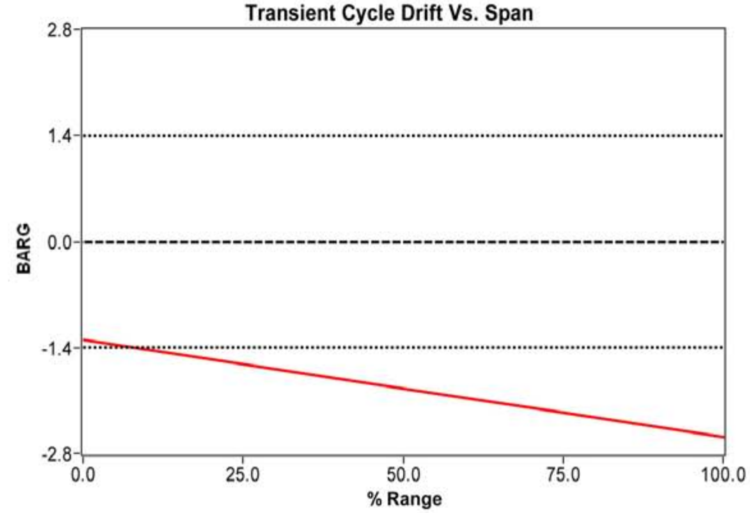
Group				
MAIN STEAM PRESSURE LOOP 3				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0533-W	-0.06	-0.46	Good
	1AB-P-0534-W	-0.64	-0.87	Good
	1AB-P-0535-W	-0.04	-0.23	Good
	1AB-P-0536-W	-0.05	-0.04	Good
	1AB-P-0377-W	0.14	-0.22	Good
	1AB-P-0337-W	-0.00	-0.06	Good
	1AB-P-0338-W	0.00	-0.02	Good
	1AB-P-0375-W	-0.04	0.02	Good
	1AB-P-0374-W	0.05	0.14	Good

* = Recalibrated Between Date 1 and Date 2

Figure B-68
Main Steam Pressure Loop 3 (1AB-P-0374-W) Transient Drift Analysis: Cycle 6

Transient Cycle Drift Analysis





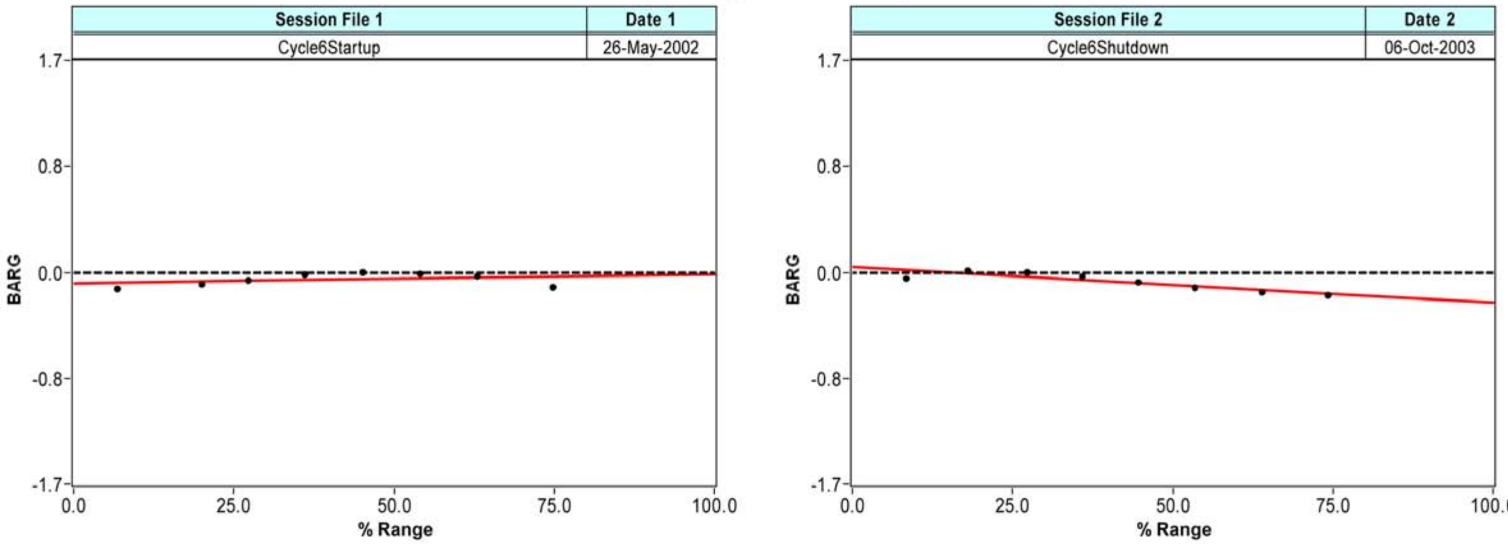
Analysis Information

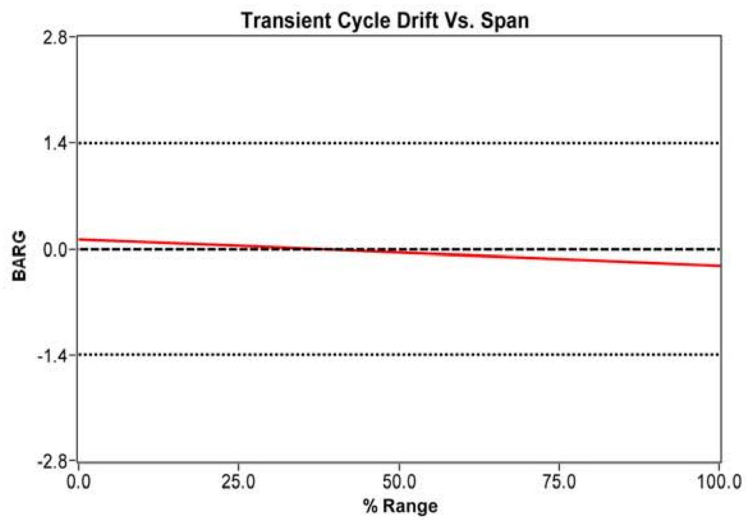
Group				
MAIN STEAM PRESSURE LOOP 4				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0543-W	-1.31	-2.61	Bad
	1AB-P-0544-W	0.13	-0.23	Good
	1AB-P-0545-W	-0.10	0.03	Good
	1AB-P-0546-W	0.90	0.24	Good
	1AB-P-0477-W	-0.15	0.18	Good
	1AB-P-0437-W	0.04	0.21	Bad
	1AB-P-0438-W	0.26	0.13	Bad
	1AB-P-0474-W	0.11	0.31	Bad
	1AB-P-0475-W	-0.07	-0.06	Good

* = Recalibrated Between Date 1 and Date 2

Figure B-69
Main Steam Pressure Loop 4 (1AB-P-0543-W) Transient Drift Analysis: Cycle 6

Transient Cycle Drift Analysis



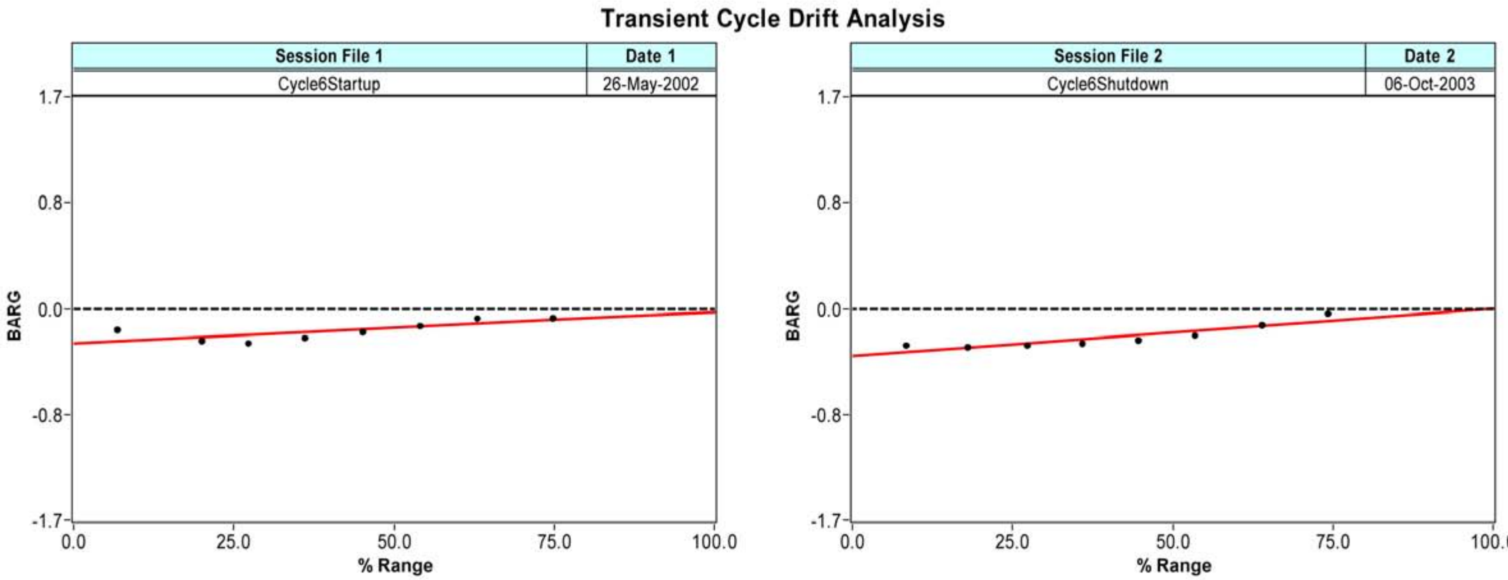


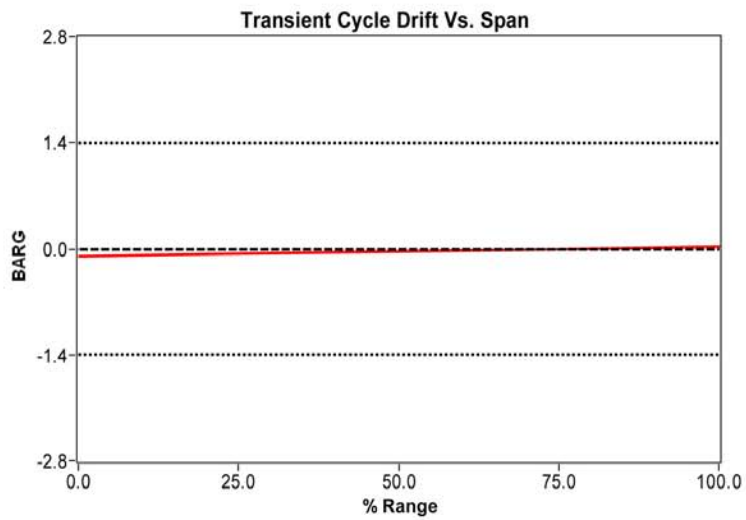
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 4				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0543-W	-1.31	-2.61	Bad
	1AB-P-0544-W	0.13	-0.23	Good
	1AB-P-0545-W	-0.10	0.03	Good
	1AB-P-0546-W	0.90	0.24	Good
	1AB-P-0477-W	-0.15	0.18	Good
	1AB-P-0437-W	0.04	0.21	Bad
	1AB-P-0438-W	0.26	0.13	Bad
	1AB-P-0474-W	0.11	0.31	Bad
	1AB-P-0475-W	-0.07	-0.06	Good

* = Recalibrated Between Date 1 and Date 2

Figure B-70
Main Steam Pressure Loop 4 (1AB-P-0544-W) Transient Drift Analysis: Cycle 6





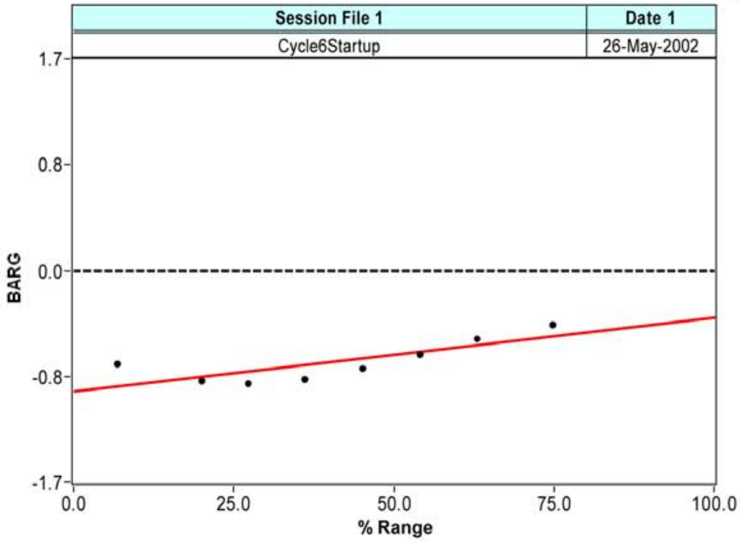
Analysis Information

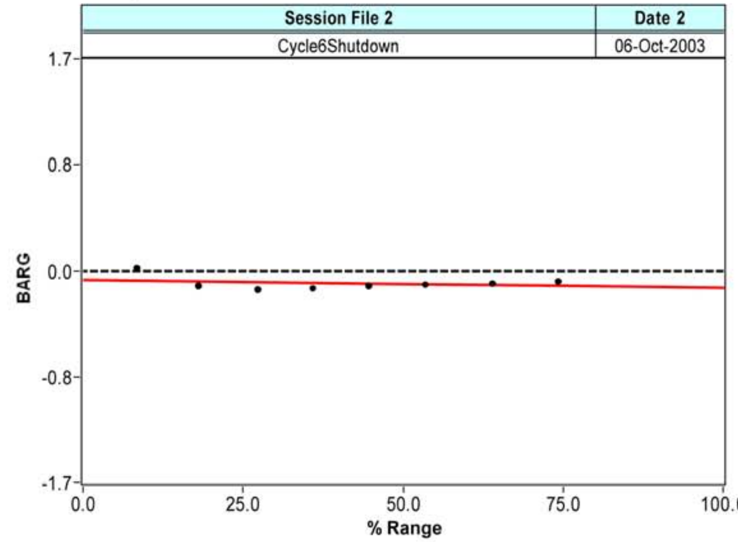
	Tag ID	Zero Drift	Span Drift	Result
Group: MAIN STEAM PRESSURE LOOP 4				
	1AB-P-0543-W	-1.31	-2.61	Bad
	1AB-P-0544-W	0.13	-0.23	Good
	1AB-P-0545-W	-0.10	0.03	Good
	1AB-P-0546-W	0.90	0.24	Good
	1AB-P-0477-W	-0.15	0.18	Good
	1AB-P-0437-W	0.04	0.21	Bad
	1AB-P-0438-W	0.26	0.13	Bad
	1AB-P-0474-W	0.11	0.31	Bad
	1AB-P-0475-W	-0.07	-0.06	Good

* = Recalibrated Between Date 1 and Date 2

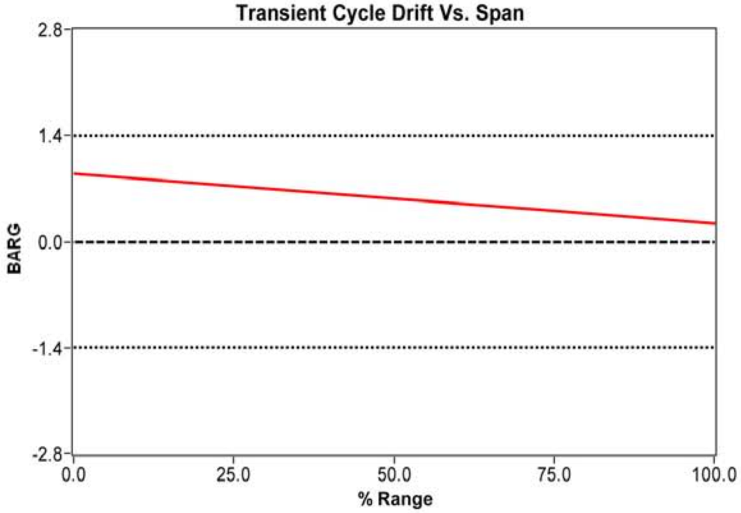
Figure B-71
Main Steam Pressure Loop 4 (1AB-P-0545-W) Transient Drift Analysis: Cycle 6

Transient Cycle Drift Analysis





Transient Cycle Drift Vs. Span

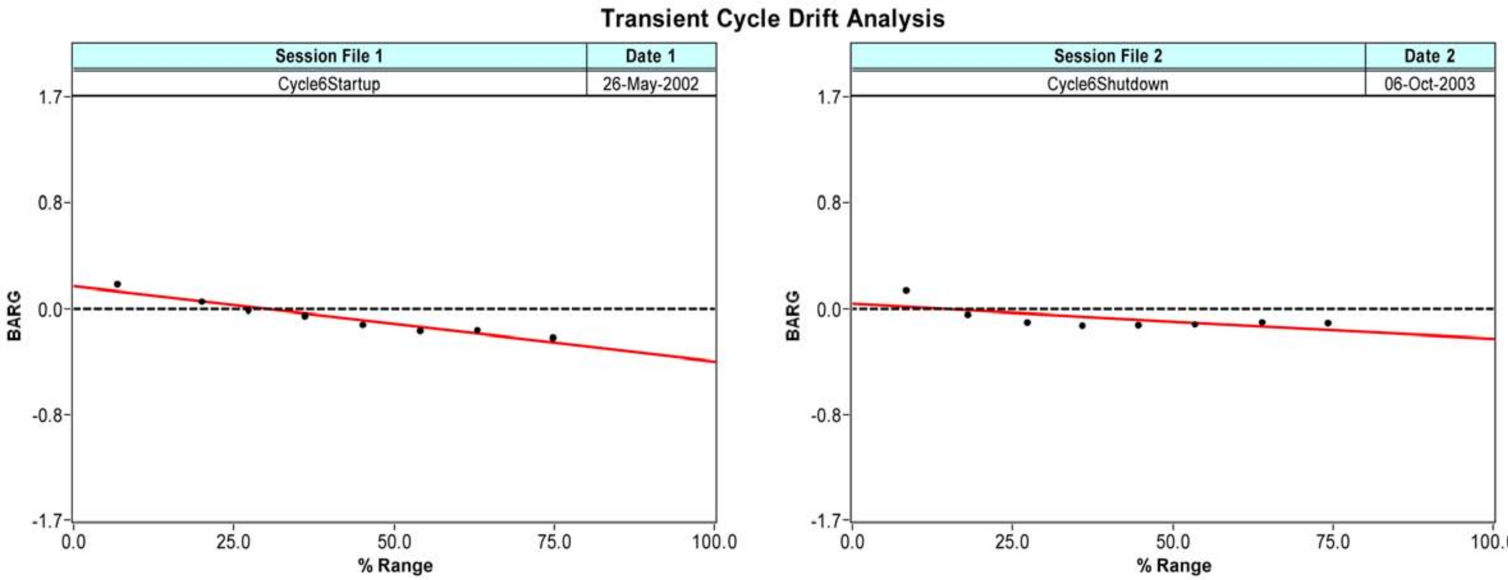


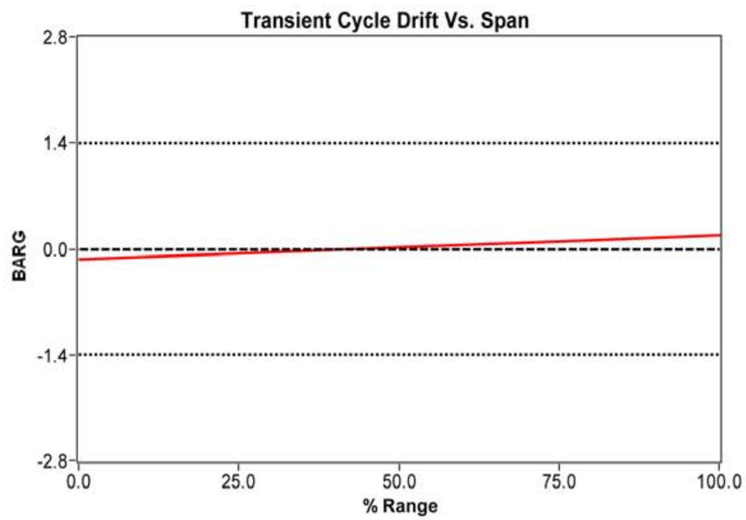
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 4				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0543-W	-1.31	-2.61	Bad
	1AB-P-0544-W	0.13	-0.23	Good
	1AB-P-0545-W	-0.10	0.03	Good
	1AB-P-0546-W	0.90	0.24	Good
	1AB-P-0477-W	-0.15	0.18	Good
	1AB-P-0437-W	0.04	0.21	Bad
	1AB-P-0438-W	0.26	0.13	Bad
	1AB-P-0474-W	0.11	0.31	Bad
	1AB-P-0475-W	-0.07	-0.06	Good

* = Recalibrated Between Date 1 and Date 2

Figure B-72
Main Steam Pressure Loop 4 (1AB-P-0546-W) Transient Drift Analysis: Cycle 6



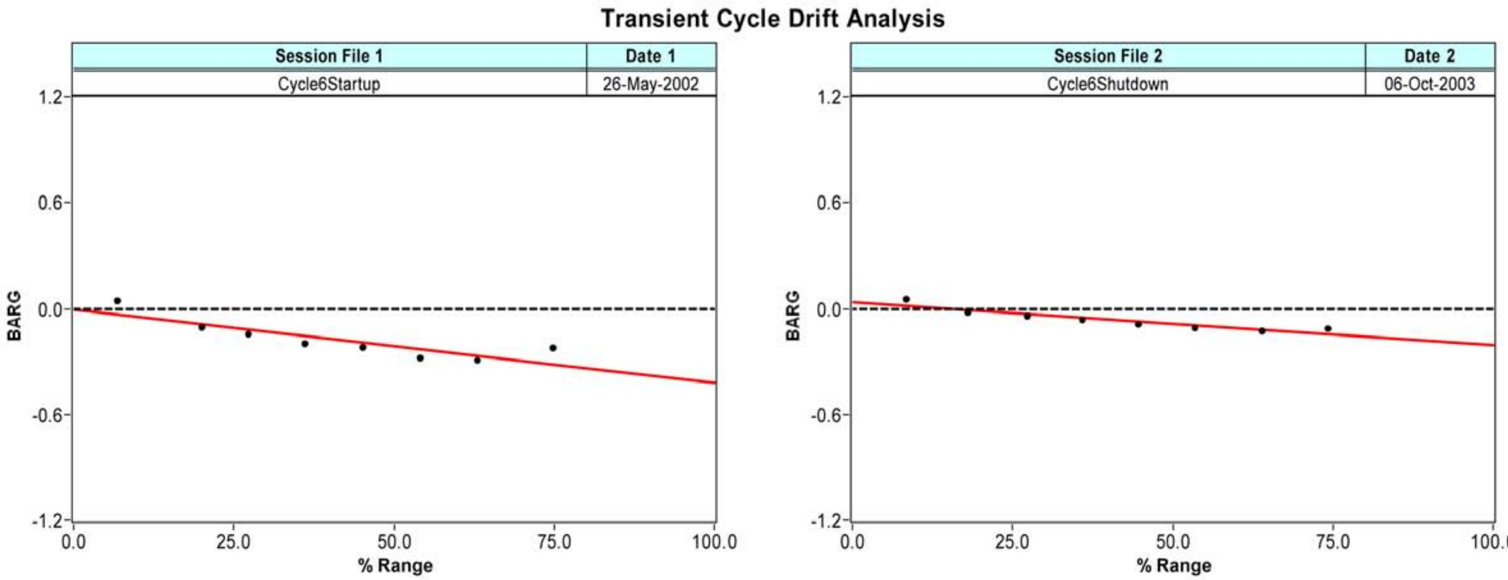


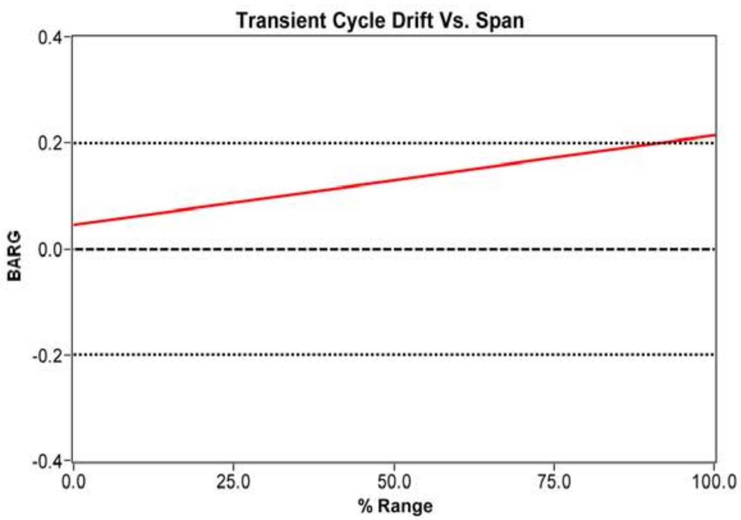
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 4				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0543-W	-1.31	-2.61	Bad
	1AB-P-0544-W	0.13	-0.23	Good
	1AB-P-0545-W	-0.10	0.03	Good
	1AB-P-0546-W	0.90	0.24	Good
	1AB-P-0477-W	-0.15	0.18	Good
	1AB-P-0437-W	0.04	0.21	Bad
	1AB-P-0438-W	0.26	0.13	Bad
	1AB-P-0474-W	0.11	0.31	Bad
	1AB-P-0475-W	-0.07	-0.06	Good

* = Recalibrated Between Date 1 and Date 2

Figure B-73
Main Steam Pressure Loop 4 (1AB-P-0477-W) Transient Drift Analysis: Cycle 6



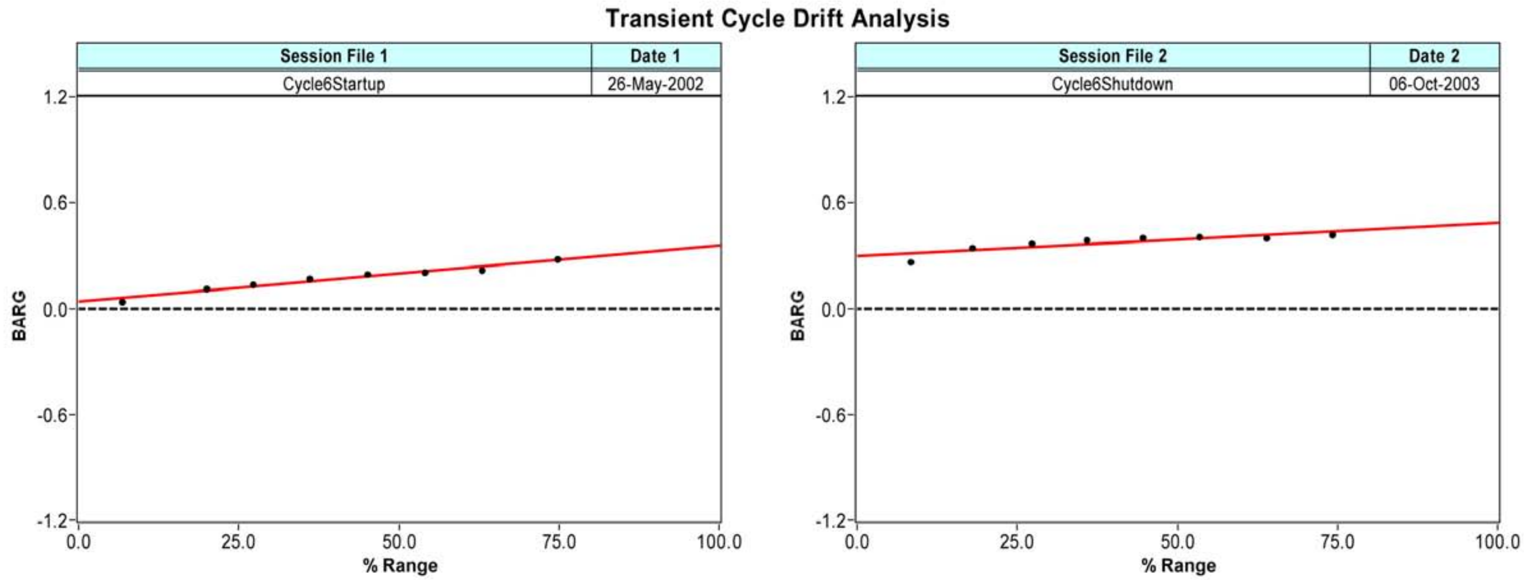


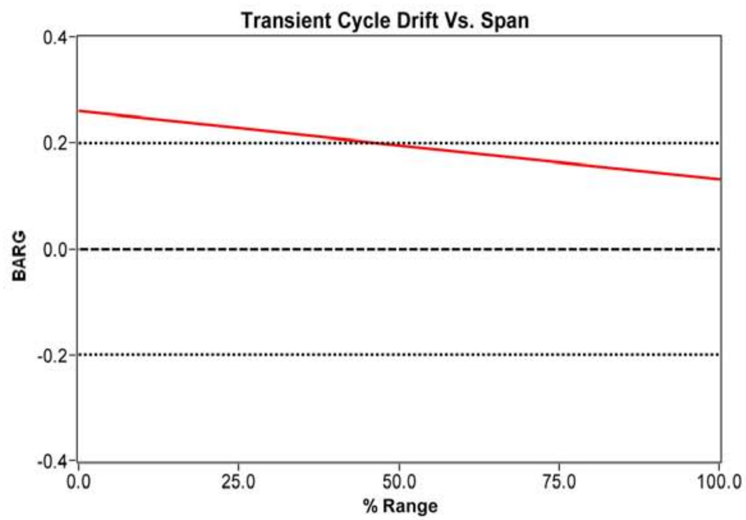
Analysis Information

	Tag ID	Zero Drift	Span Drift	Result
Group: MAIN STEAM PRESSURE LOOP 4				
	1AB-P-0543-W	-1.31	-2.61	Bad
	1AB-P-0544-W	0.13	-0.23	Good
	1AB-P-0545-W	-0.10	0.03	Good
	1AB-P-0546-W	0.90	0.24	Good
	1AB-P-0477-W	-0.15	0.18	Good
	1AB-P-0437-W	0.04	0.21	Bad
	1AB-P-0438-W	0.26	0.13	Bad
	1AB-P-0474-W	0.11	0.31	Bad
	1AB-P-0475-W	-0.07	-0.06	Good

* = Recalibrated Between Date 1 and Date 2

Figure B-74
Main Steam Pressure Loop 4 (1AB-P-0437-W) Transient Drift Analysis: Cycle 6





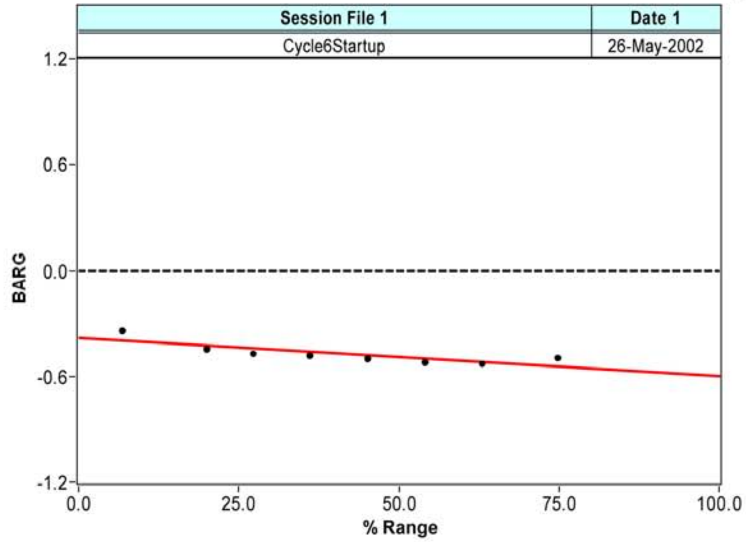
Analysis Information

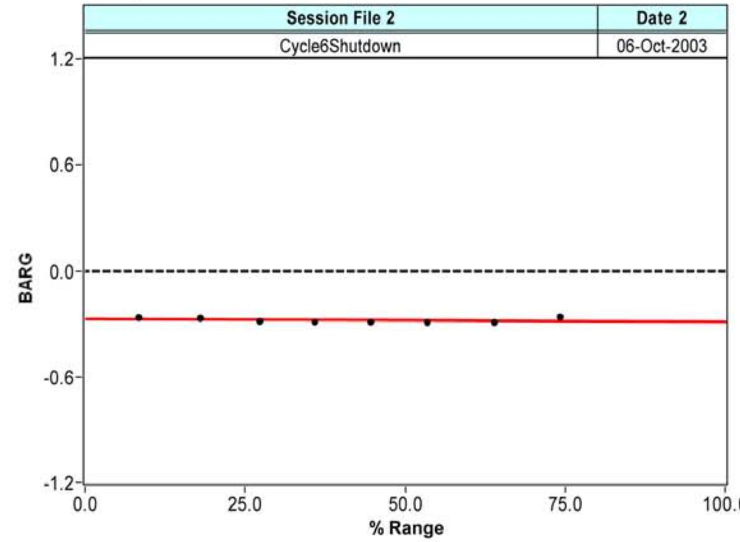
	Tag ID	Zero Drift	Span Drift	Result
Group				
MAIN STEAM PRESSURE LOOP 4				
	1AB-P-0543-W	-1.31	-2.61	Bad
	1AB-P-0544-W	0.13	-0.23	Good
	1AB-P-0545-W	-0.10	0.03	Good
	1AB-P-0546-W	0.90	0.24	Good
	1AB-P-0477-W	-0.15	0.18	Good
	1AB-P-0437-W	0.04	0.21	Bad
	1AB-P-0438-W	0.26	0.13	Bad
	1AB-P-0474-W	0.11	0.31	Bad
	1AB-P-0475-W	-0.07	-0.06	Good

* = Recalibrated Between Date 1 and Date 2

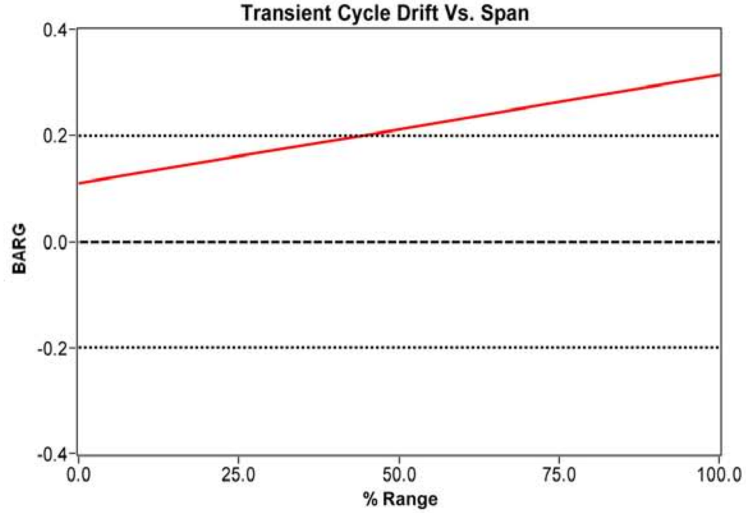
Figure B-75
Main Steam Pressure Loop 4 (1AB-P-0438-W) Transient Drift Analysis: Cycle 6

Transient Cycle Drift Analysis





Transient Cycle Drift Vs. Span

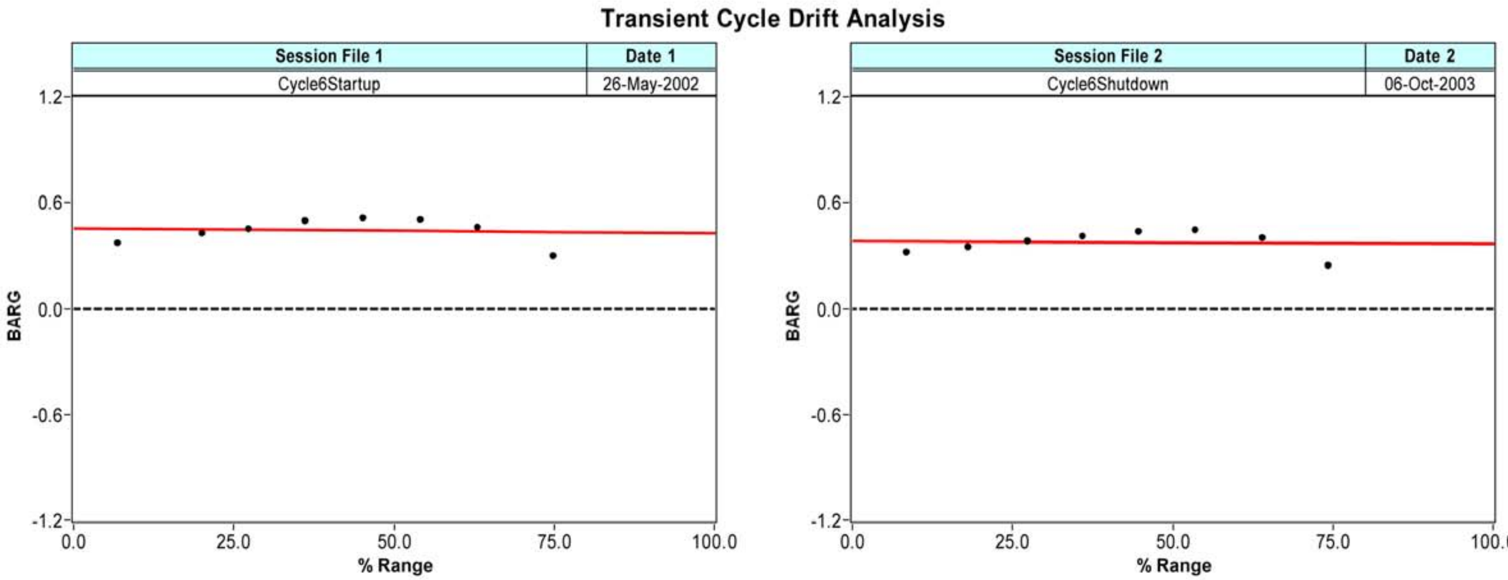


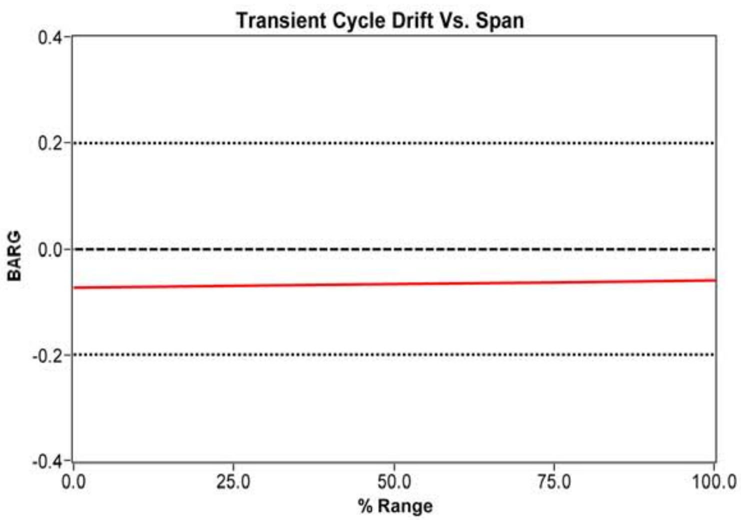
Analysis Information

	Group			
	MAIN STEAM PRESSURE LOOP 4			
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0543-W	-1.31	-2.61	Bad
	1AB-P-0544-W	0.13	-0.23	Good
	1AB-P-0545-W	-0.10	0.03	Good
	1AB-P-0546-W	0.90	0.24	Good
	1AB-P-0477-W	-0.15	0.18	Good
	1AB-P-0437-W	0.04	0.21	Bad
	1AB-P-0438-W	0.26	0.13	Bad
	1AB-P-0474-W	0.11	0.31	Bad
	1AB-P-0475-W	-0.07	-0.06	Good

* = Recalibrated Between Date 1 and Date 2

Figure B-76
Main Steam Pressure Loop 4 (1AB-P-0474-W) Transient Drift Analysis: Cycle 6



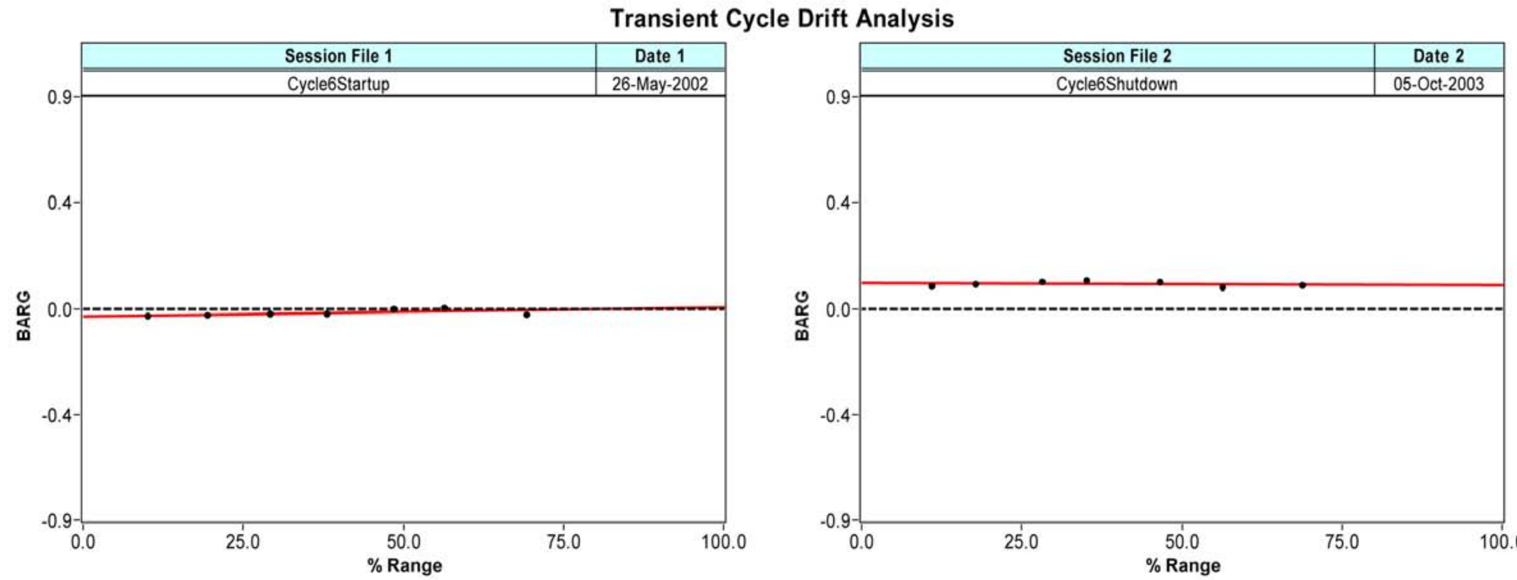


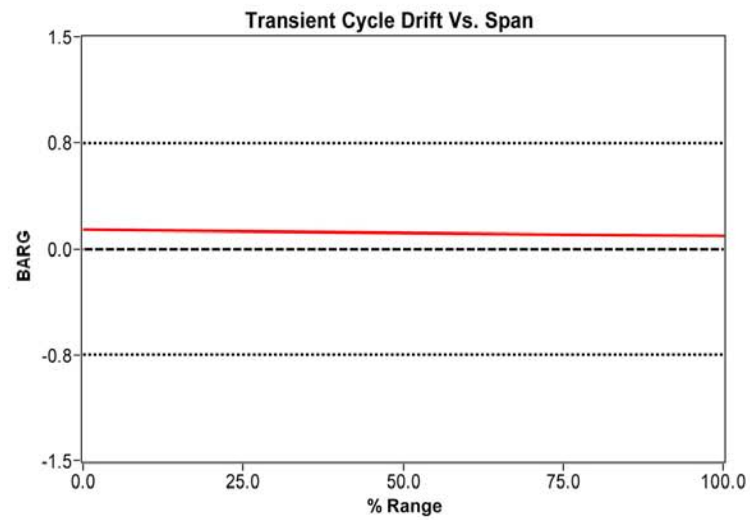
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 4				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0543-W	-1.31	-2.61	Bad
	1AB-P-0544-W	0.13	-0.23	Good
	1AB-P-0545-W	-0.10	0.03	Good
	1AB-P-0546-W	0.90	0.24	Good
	1AB-P-0477-W	-0.15	0.18	Good
	1AB-P-0437-W	0.04	0.21	Bad
	1AB-P-0438-W	0.26	0.13	Bad
	1AB-P-0474-W	0.11	0.31	Bad
	1AB-P-0475-W	-0.07	-0.06	Good

* = Recalibrated Between Date 1 and Date 2

Figure B-77
Main Steam Pressure Loop 4 (1AB-P-0475-W) Transient Drift Analysis: Cycle 6





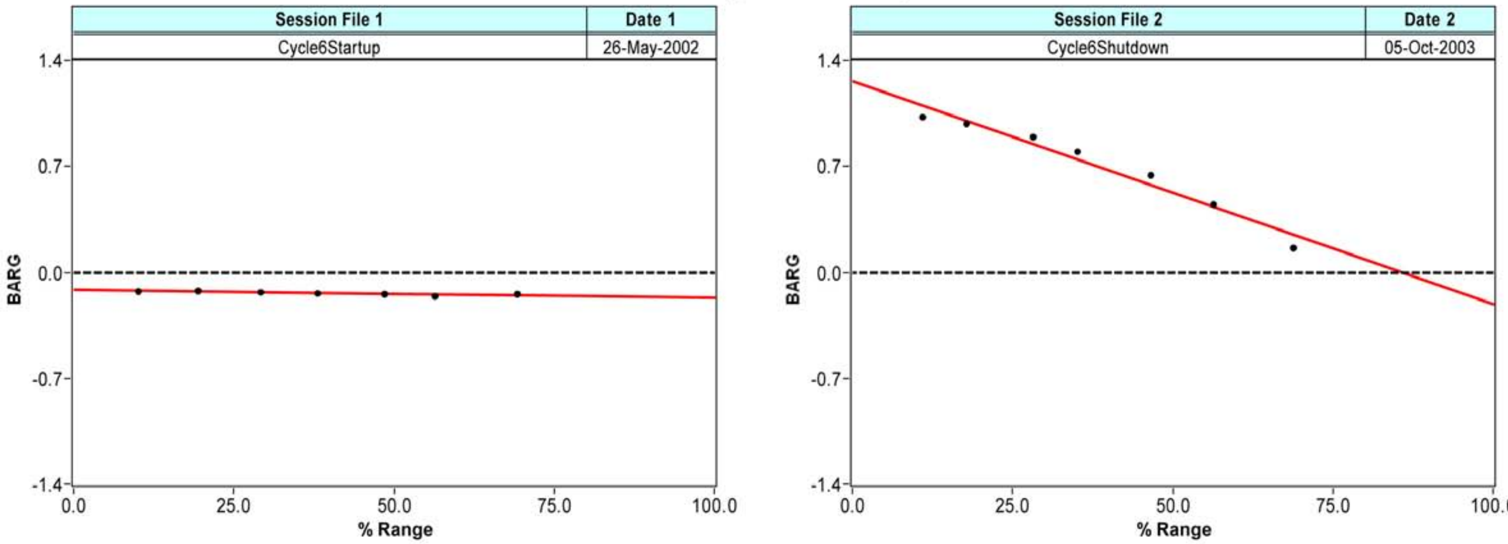
Analysis Information

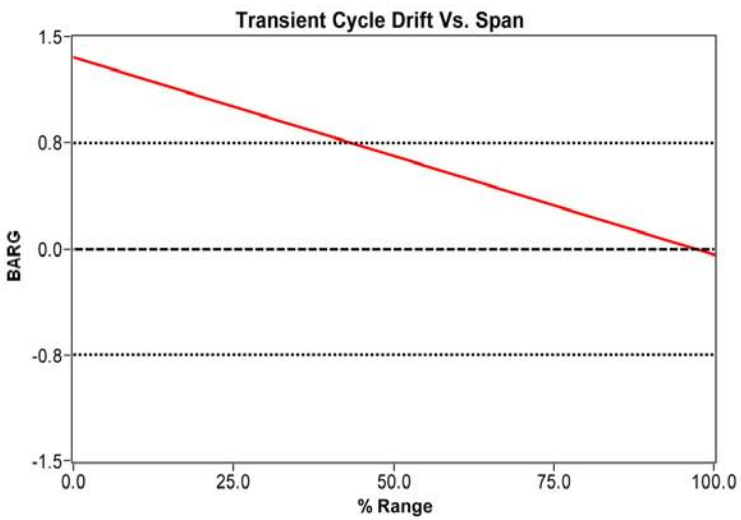
	Tag ID	Zero Drift	Span Drift	Result
	Group			
	PRESSURISER PRESSURE			
	1BB-P-0455-W	0.14	0.09	Good
	1BB-P-0456-W	1.38	-0.04	Bad
	1BB-P-0457-W	-0.21	-0.18	Good
	1BB-P-0458-W	-0.04	-0.09	Good

* = Recalibrated Between Date 1 and Date 2

Figure B-78
Pressurizer Pressure (1BB-P-0455-W) Transient Drift Analysis: Cycle 6

Transient Cycle Drift Analysis



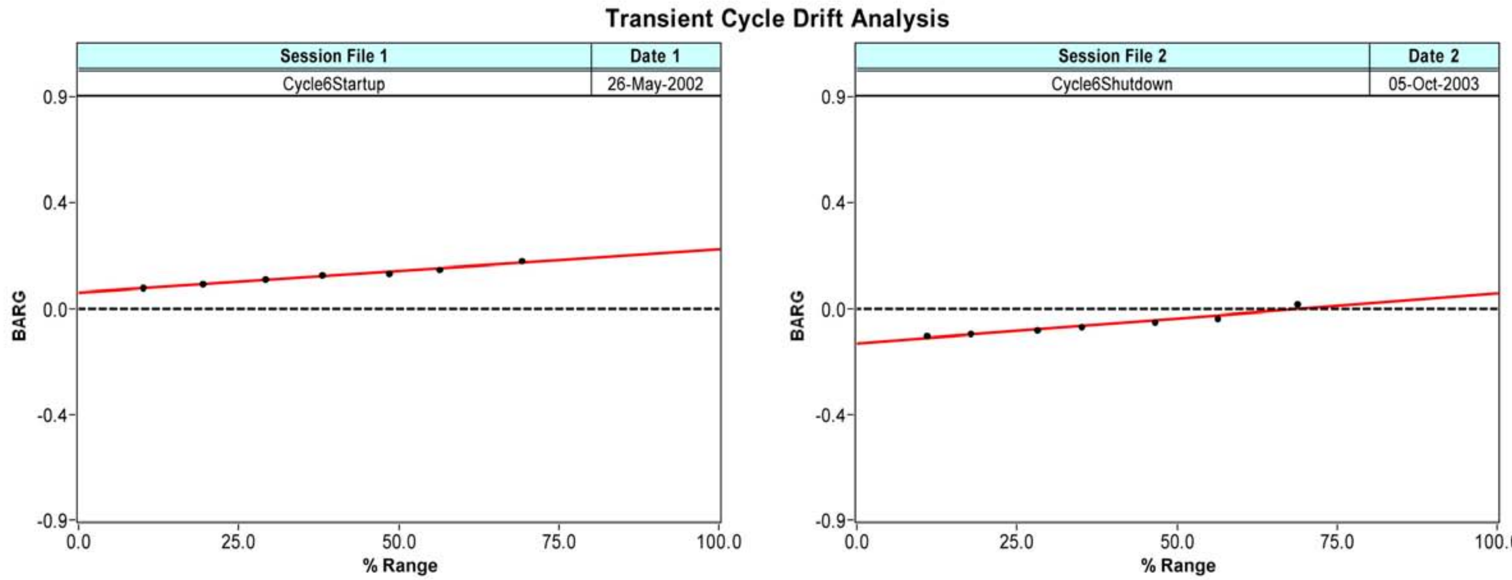


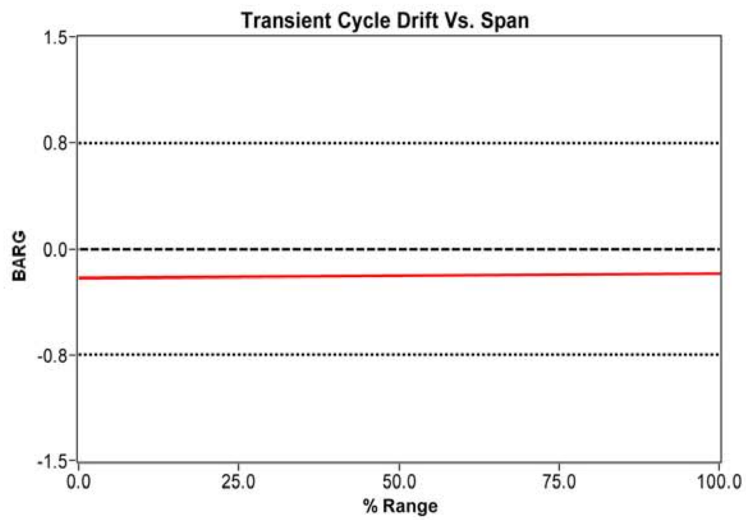
Analysis Information

	Tag ID	Zero Drift	Span Drift	Result
Group: PRESSURISER PRESSURE				
	1BB-P-0455-W	0.14	0.09	Good
	1BB-P-0456-W	1.38	-0.04	Bad
	1BB-P-0457-W	-0.21	-0.18	Good
	1BB-P-0458-W	-0.04	-0.09	Good

* = Recalibrated Between Date 1 and Date 2

Figure B-79
Pressurizer Pressure (1BB-P-0456-W) Transient Drift Analysis: Cycle 6





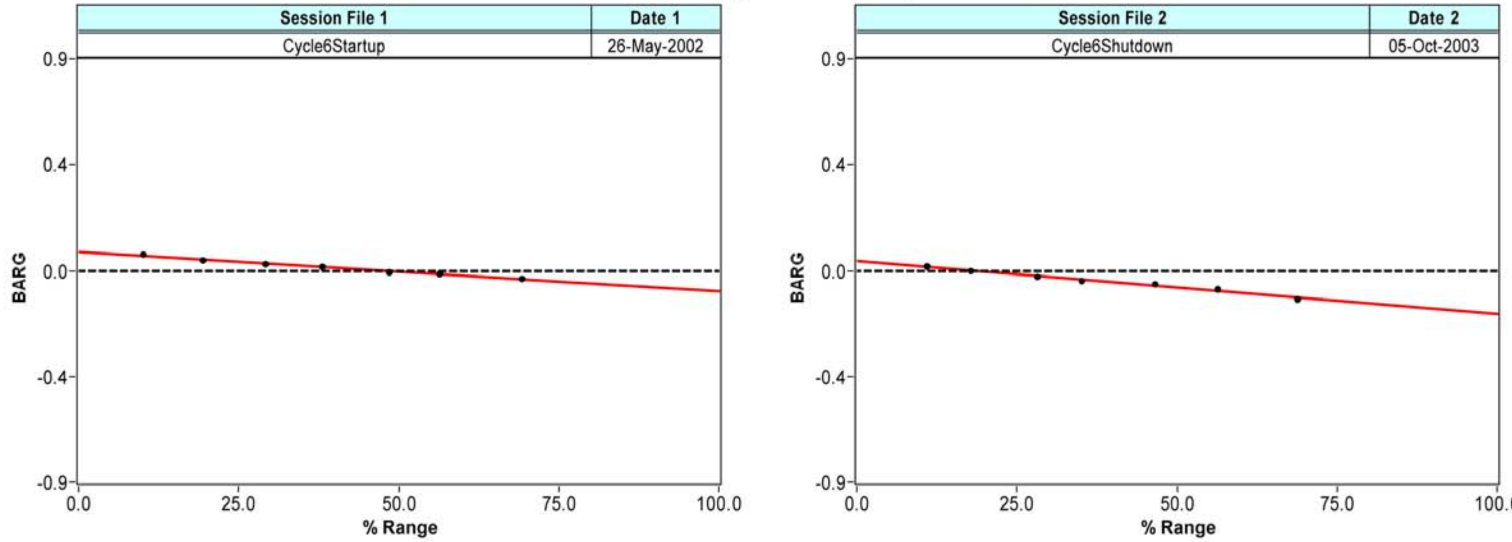
Analysis Information

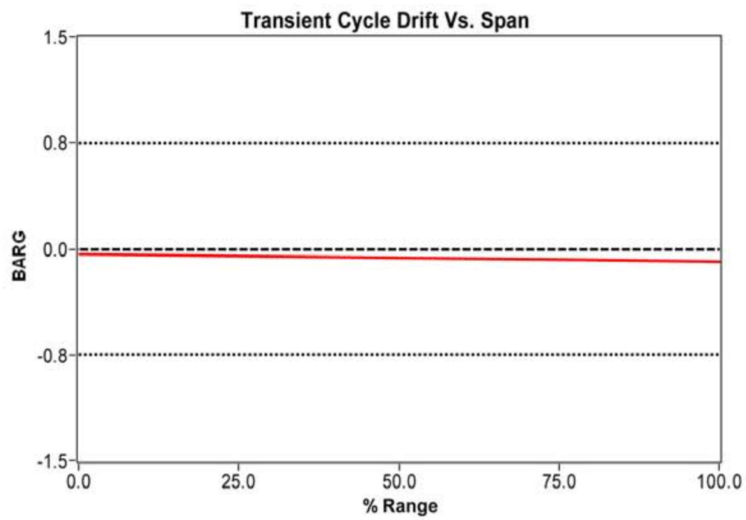
Group				
PRESSURISER PRESSURE				
	Tag ID	Zero Drift	Span Drift	Result
	1BB-P-0455-W	0.14	0.09	Good
	1BB-P-0456-W	1.38	-0.04	Bad
	1BB-P-0457-W	-0.21	-0.18	Good
	1BB-P-0458-W	-0.04	-0.09	Good

* = Recalibrated Between Date 1 and Date 2

Figure B-80
Pressurizer Pressure (1BB-P-0457-W) Transient Drift Analysis: Cycle 6

Transient Cycle Drift Analysis



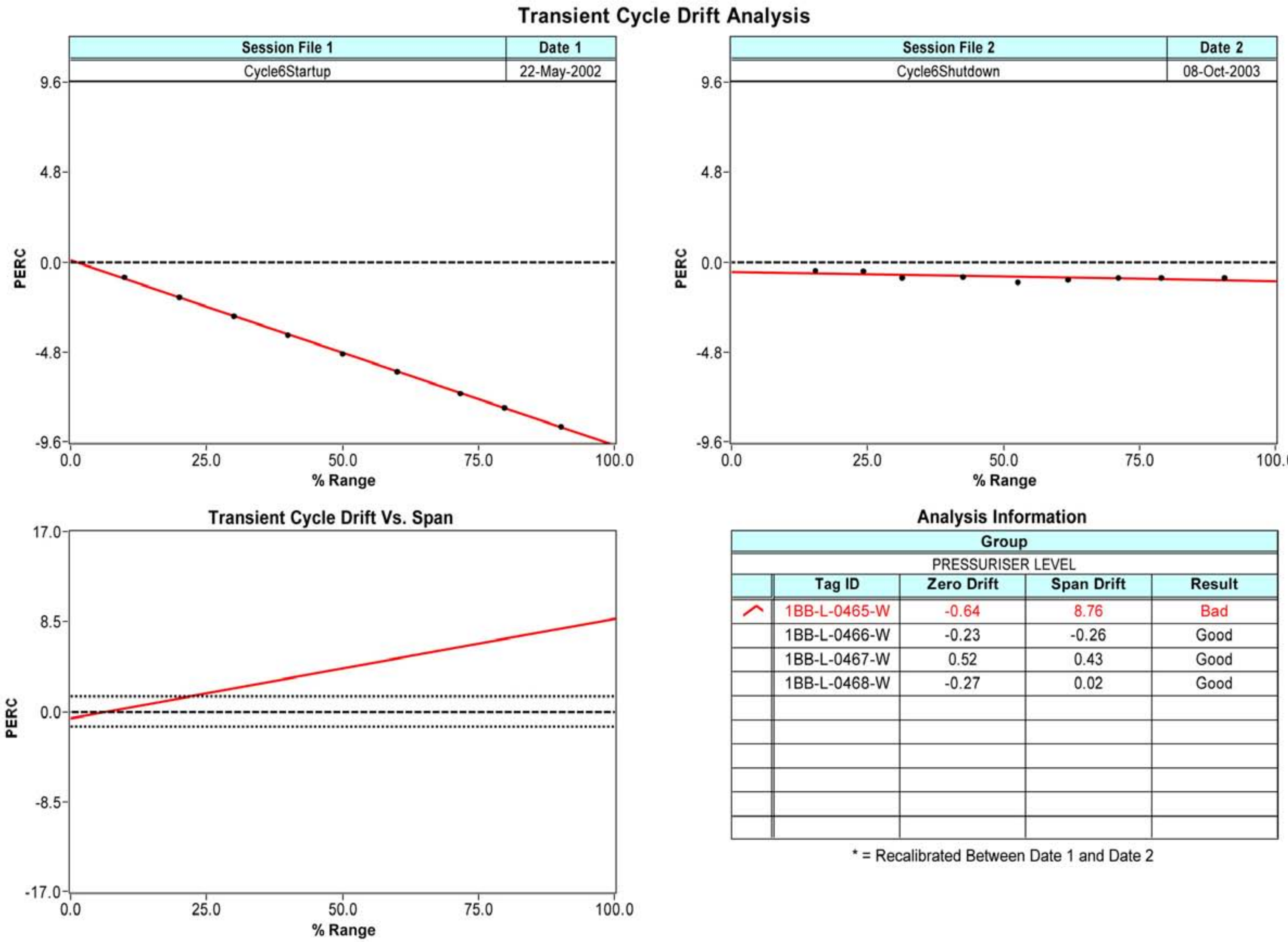


Analysis Information

Group				
PRESSURISER PRESSURE				
	Tag ID	Zero Drift	Span Drift	Result
	1BB-P-0455-W	0.14	0.09	Good
	1BB-P-0456-W	1.38	-0.04	Bad
	1BB-P-0457-W	-0.21	-0.18	Good
	1BB-P-0458-W	-0.04	-0.09	Good

* = Recalibrated Between Date 1 and Date 2

Figure B-81
Pressurizer Pressure (1BB-P-0458-W) Transient Drift Analysis: Cycle 6

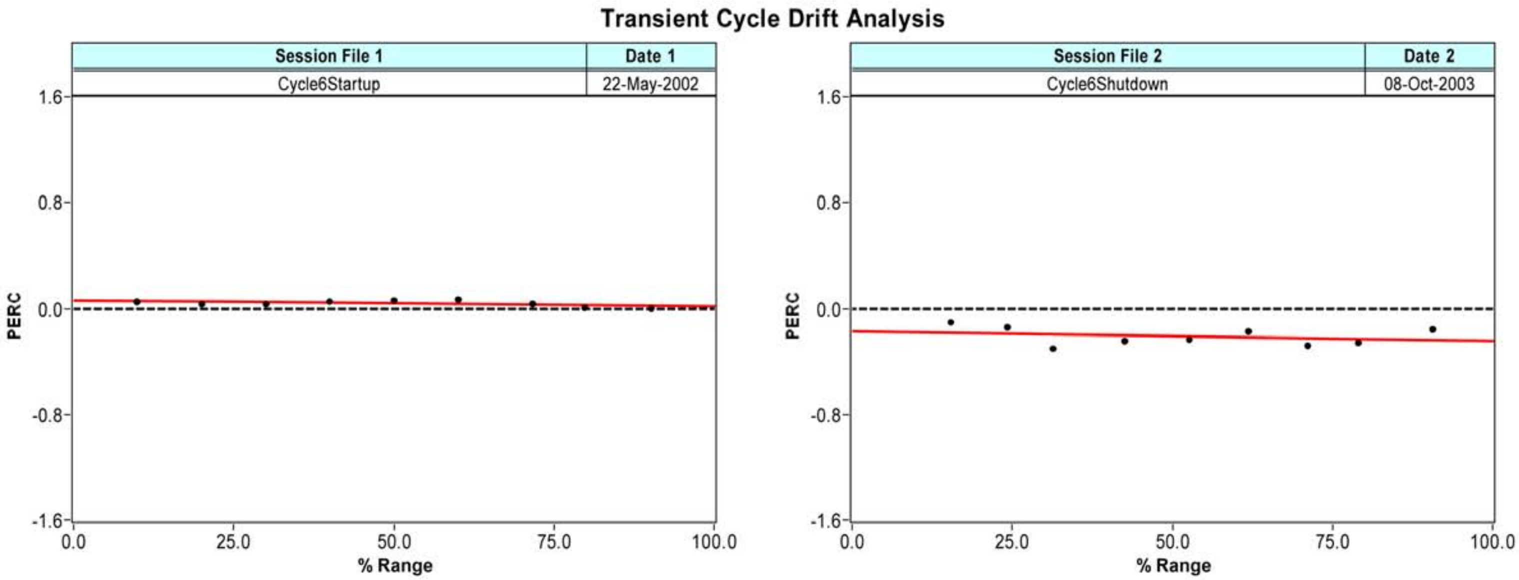


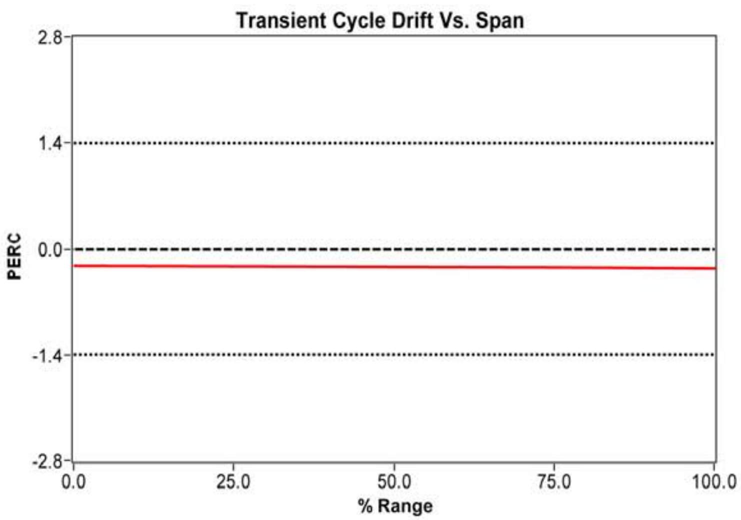
Analysis Information

Group				
PRESSURISER LEVEL				
	Tag ID	Zero Drift	Span Drift	Result
	1BB-L-0465-W	-0.64	8.76	Bad
	1BB-L-0466-W	-0.23	-0.26	Good
	1BB-L-0467-W	0.52	0.43	Good
	1BB-L-0468-W	-0.27	0.02	Good

* = Recalibrated Between Date 1 and Date 2

Figure B-82
Pressurizer Level (1BB-L-0465-W) Transient Drift Analysis: Cycle 6



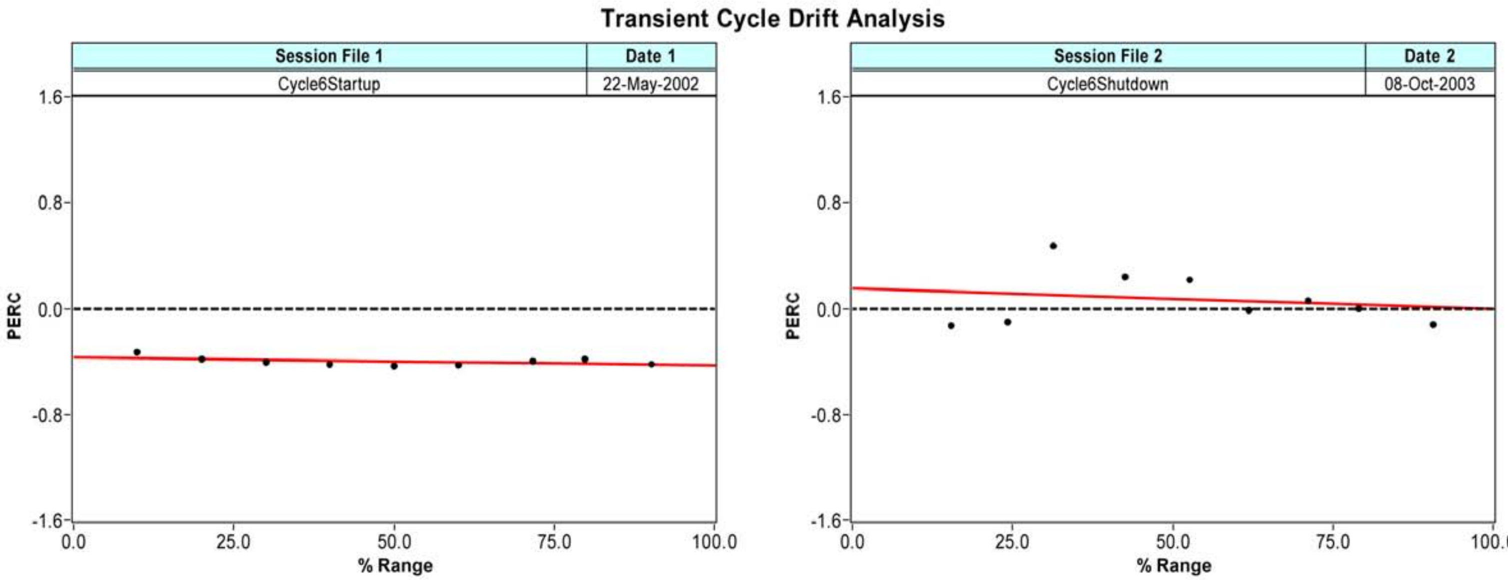


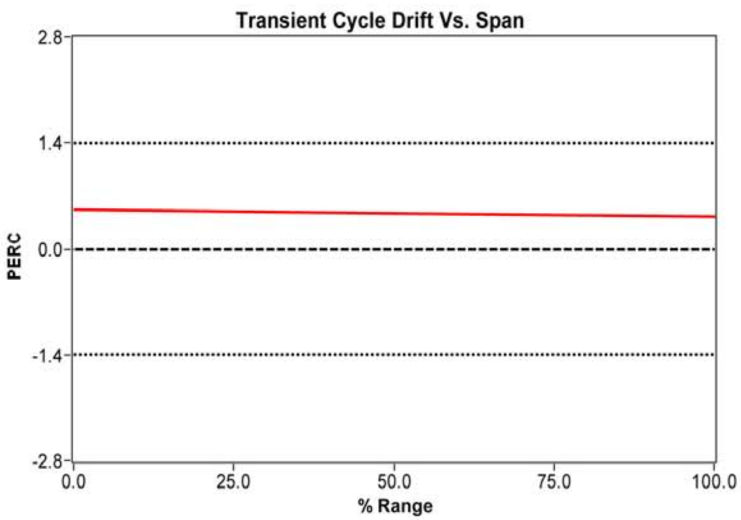
Analysis Information

Group				
PRESSURISER LEVEL				
	Tag ID	Zero Drift	Span Drift	Result
	1BB-L-0465-W	-0.64	8.76	Bad
	1BB-L-0466-W	-0.23	-0.26	Good
	1BB-L-0467-W	0.52	0.43	Good
	1BB-L-0468-W	-0.27	0.02	Good

* = Recalibrated Between Date 1 and Date 2

Figure B-83
Pressurizer Level (1BB-L-0466-W) Transient Drift Analysis: Cycle 6





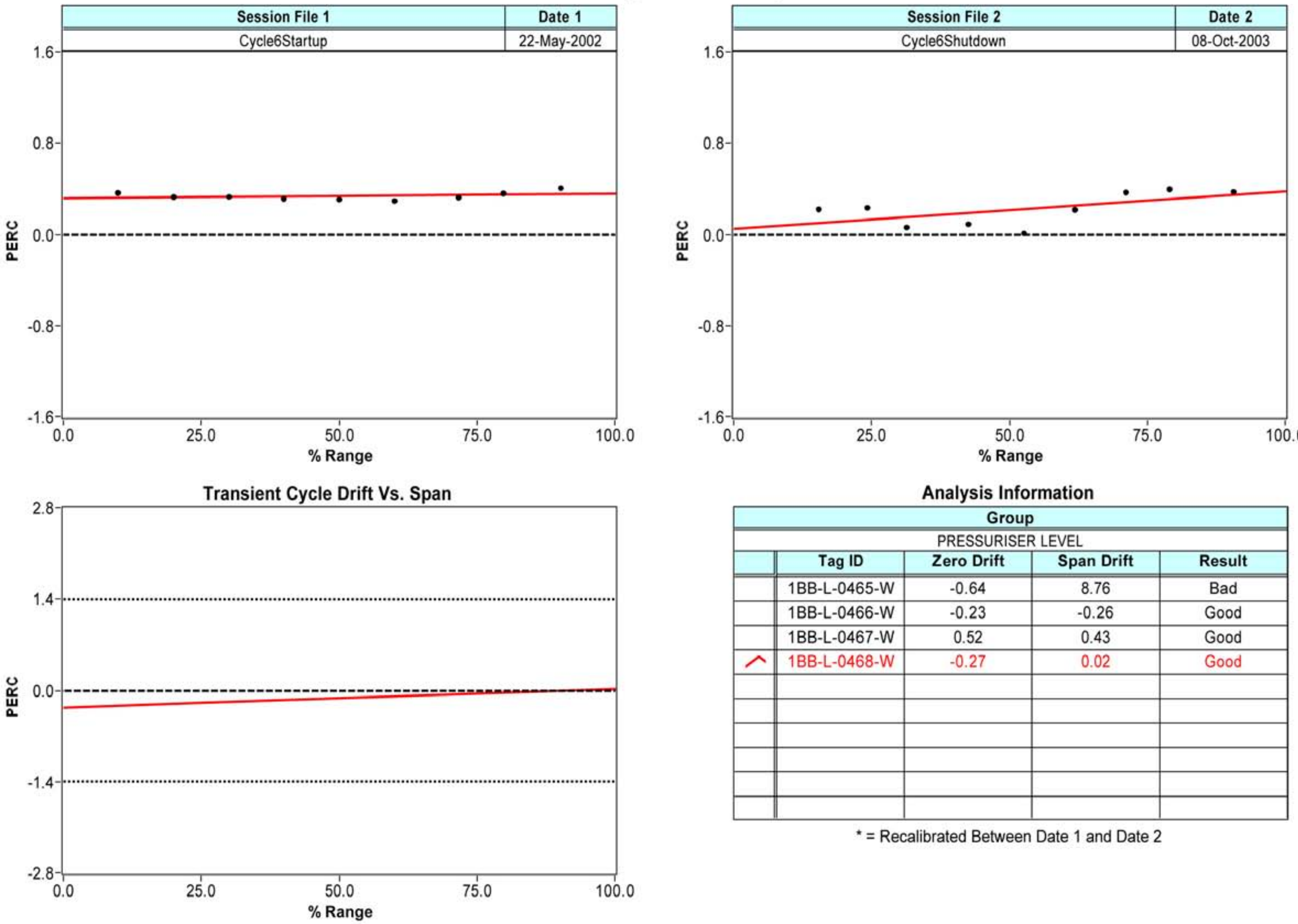
Analysis Information

Group				
PRESSURISER LEVEL				
	Tag ID	Zero Drift	Span Drift	Result
	1BB-L-0465-W	-0.64	8.76	Bad
	1BB-L-0466-W	-0.23	-0.26	Good
	1BB-L-0467-W	0.52	0.43	Good
	1BB-L-0468-W	-0.27	0.02	Good

* = Recalibrated Between Date 1 and Date 2

Figure B-84
Pressurizer Level (1BB-L-0467-W) Transient Drift Analysis: Cycle 6

Transient Cycle Drift Analysis



Analysis Information

Group				
PRESSURISER LEVEL				
	Tag ID	Zero Drift	Span Drift	Result
	1BB-L-0465-W	-0.64	8.76	Bad
	1BB-L-0466-W	-0.23	-0.26	Good
	1BB-L-0467-W	0.52	0.43	Good
	1BB-L-0468-W	-0.27	0.02	Good

* = Recalibrated Between Date 1 and Date 2

Figure B-85
Pressurizer Level (1BB-L-0468-W) Transient Drift Analysis: Cycle 6

C
SUPPORTING DATA FOR RESULTS OF CYCLE 7

Cycle 7 analysis was performed on the data collected from startup in November 2003, the data collected during steady-state operation each month from December 2003–March 2005, and the data collected during shutdown in March 2005. This was the first cycle for which the calibration assessment of 197 transmitters, including PPS and SPS transmitters, was reported. During this cycle, the steady-state data consisted of 12 hours each month, and this has continued to the present. At the end of Cycle 7, calibration extension was granted for the Sizewell transmitters in PPS Separation Group 2.

Cycle 7 OLM Results for PPS and SPS Transmitters

Table C-1 presents the results of Cycle 7 analysis for 197 Sizewell B transmitters.

Table C-1
OLM Analysis of Sizewell B Transmitters in Containment During RF07

Item #	Tag	Group	Result
1	1AB-P-0513-W	Main Steam Pressure Loop 1	Bad
2	1AB-P-0514-W	Main Steam Pressure Loop 1	Bad
3	1AB-P-0515-W	Main Steam Pressure Loop 1	Good
4	1AB-P-0516-W	Main Steam Pressure Loop 1	Good
5	1AB-P-0177-W	Main Steam Pressure Loop 1	Good
6	1AB-P-0174-W	Main Steam Pressure Loop 1	Good
7	1AB-P-0175-W	Main Steam Pressure Loop 1	Bad
8	1AB-P-0137-W	Main Steam Pressure Loop 1	Bad
9	1AB-P-0138-W	Main Steam Pressure Loop 1	Bad
10	1AB-P-0523-W	Main Steam Pressure Loop 2	Good
11	1AB-P-0524-W	Main Steam Pressure Loop 2	Good
12	1AB-P-0525-W	Main Steam Pressure Loop 2	Good
13	1AB-P-0526-W	Main Steam Pressure Loop 2	Good
14	1AB-P-0277-W	Main Steam Pressure Loop 2	Bad
15	1AB-P-0275-W	Main Steam Pressure Loop 2	Good
16	1AB-P-0274-W	Main Steam Pressure Loop 2	Bad
17	1AB-P-0237-W	Main Steam Pressure Loop 2	Bad
18	1AB-P-0238-W	Main Steam Pressure Loop 2	Good
19	1AB-P-0533-W	Main Steam Pressure Loop 3	Good
20	1AB-P-0534-W	Main Steam Pressure Loop 3	Good
21	1AB-P-0535-W	Main Steam Pressure Loop 3	Good
22	1AB-P-0536-W	Main Steam Pressure Loop 3	Good
23	1AB-P-0377-W	Main Steam Pressure Loop 3	Good
24	1AB-P-0337-W	Main Steam Pressure Loop 3	Good
25	1AB-P-0338-W	Main Steam Pressure Loop 3	Good
26	1AB-P-0375-W	Main Steam Pressure Loop 3	Good
27	1AB-P-0374-W	Main Steam Pressure Loop 3	Good
28	1AB-P-0543-W	Main Steam Pressure Loop 4	Good
29	1AB-P-0544-W	Main Steam Pressure Loop 4	Good
30	1AB-P-0545-W	Main Steam Pressure Loop 4	Good
31	1AB-P-0546-W	Main Steam Pressure Loop 4	Good
32	1AB-P-0477-W	Main Steam Pressure Loop 4	Good
33	1AB-P-0437-W	Main Steam Pressure Loop 4	Bad
34	1AB-P-0438-W	Main Steam Pressure Loop 4	Good
35	1AB-P-0474-W	Main Steam Pressure Loop 4	Good
36	1AB-P-0475-W	Main Steam Pressure Loop 4	Good

Table C-1 (continued)
OLM Analysis of Sizewell B Transmitters in Containment During RF07

Item #	Tag	Group	Result
37	1AE-L-0501-W	SG A Level Wide-Range	Good
38	1AE-L-0505-W	SG A Level Wide-Range	Good
39	1AE-L-0502-W	SG B Level Wide-Range	Bad
40	1AE-L-0506-W	SG B Level Wide-Range	Bad
41	1AE-L-0503-W	SG C Level Wide-Range	Good
42	1AE-L-0507-W	SG C Level Wide-Range	Good
43	1AE-L-0504-W	SG D Level Wide-Range	Good
44	1AE-L-0508-W	SG D Level Wide-Range	Good
45	1AE-L-0517-W	SG A Level Narrow-Range	Good
46	1AE-L-0518-W	SG A Level Narrow-Range	Good
47	1AE-L-0519-W	SG A Level Narrow-Range	Good
48	1AE-L-0551-W	SG A Level Narrow-Range	Good
49	1AE-L-0011-W	SG A Level Narrow-Range	Good
50	1AE-L-0012-W	SG A Level Narrow-Range	Good
51	1AE-L-0013-W	SG A Level Narrow-Range	Good
52	1AE-L-0014-W	SG A Level Narrow-Range	Good
53	1AE-L-0527-W	SG B Level Narrow-Range	Good
54	1AE-L-0528-W	SG B Level Narrow-Range	Good
55	1AE-L-0529-W	SG B Level Narrow-Range	Good
56	1AE-L-0552-W	SG B Level Narrow-Range	Bad
57	1AE-L-0021-W	SG B Level Narrow-Range	Good
58	1AE-L-0022-W	SG B Level Narrow-Range	Good
59	1AE-L-0023-W	SG B Level Narrow-Range	Good
60	1AE-L-0024-W	SG B Level Narrow-Range	Good
61	1AE-L-0537-W	SG C Level Narrow-Range	Good
62	1AE-L-0538-W	SG C Level Narrow-Range	Good
63	1AE-L-0539-W	SG C Level Narrow-Range	Good
64	1AE-L-0553-W	SG C Level Narrow-Range	Good
65	1AE-L-0031-W	SG C Level Narrow-Range	Good
66	1AE-L-0032-W	SG C Level Narrow-Range	Good
67	1AE-L-0033-W	SG C Level Narrow-Range	Good
68	1AE-L-0034-W	SG C Level Narrow-Range	Good

Table C-1 (continued)
OLM Analysis of Sizewell B Transmitters in Containment During RF07

Item #	Tag	Group	Result
69	1AE-L-0547-W	SG D Level Narrow-Range	Good
70	1AE-L-0548-W	SG D Level Narrow-Range	Good
71	1AE-L-0549-W	SG D Level Narrow-Range	Good
72	1AE-L-0554-W	SG D Level Narrow-Range	Good
73	1AE-L-0041-W	SG D Level Narrow-Range	Good
74	1AE-L-0042-W	SG D Level Narrow-Range	Good
75	1AE-L-0043-W	SG D Level Narrow-Range	Good
76	1AE-L-0044-W	SG D Level Narrow-Range	Good
77	1AE-F-0515A-W	Main Feed Flow to SG A	Good
78	1AE-F-0515B-W	Main Feed Flow to SG A	Good
79	1AE-F-0515C-W	Main Feed Flow to SG A	Bad
80	1AE-F-0515D-W	Main Feed Flow to SG A	Good
81	1AE-F-0525A-W	Main Feed Flow to SG B	N/A
82	1AE-F-0525B-W	Main Feed Flow to SG B	N/A
83	1AE-F-0525C-W	Main Feed Flow to SG B	N/A
84	1AE-F-0525D-W	Main Feed Flow to SG B	N/A
85	1AE-F-0535A-W	Main Feed Flow to SG C	Good
86	1AE-F-0535B-W	Main Feed Flow to SG C	Good
87	1AE-F-0535C-W	Main Feed Flow to SG C	Good
88	1AE-F-0535D-W	Main Feed Flow to SG C	Bad
89	1AE-F-0545A-W	Main Feed Flow to SG D	Good
90	1AE-F-0545B-W	Main Feed Flow to SG D	Bad
91	1AE-F-0545C-W	Main Feed Flow to SG D	Good
92	1AE-F-0545D-W	Main Feed Flow to SG D	Bad
93	1BB-P-0455-W	Pressurizer Pressure	Good
94	1BB-P-0456-W	Pressurizer Pressure	Good
95	1BB-P-0457-W	Pressurizer Pressure	Good
96	1BB-P-0458-W	Pressurizer Pressure	Good
97	1BB-L-0465-W	Pressurizer Level	Bad
98	1BB-L-0466-W	Pressurizer Level	Good
99	1BB-L-0467-W	Pressurizer Level	Good
100	1BB-L-0468-W	Pressurizer Level	Good

Table C-1 (continued)
OLM Analysis of Sizewell B Transmitters in Containment During RF07

Item #	Tag	Group	Result
101	1BB-P-0406-W	RCS Pressure Narrow-Range PPS	Good
102	1BB-P-0407-W	RCS Pressure Narrow-Range PPS	Good
103	1BB-P-0408-W	RCS Pressure Narrow-Range PPS	Good
104	1BB-P-0409-W	RCS Pressure Narrow-Range PPS	Good
105	1BB-P-0401-W	RCS Pressure Wide-Range PPS	Good
106	1BB-P-0402-W	RCS Pressure Wide-Range PPS	Good
107	1BB-P-0403-W	RCS Pressure Wide-Range PPS	Good
108	1BB-P-0404-W	RCS Pressure Wide-Range PPS	Good
109	1BB-F-0416-W	RCS Flow Loop 1	Good
110	1BB-F-0417-W	RCS Flow Loop 1	Good
111	1BB-F-0418-W	RCS Flow Loop 1	Good
112	1BB-F-0419-W	RCS Flow Loop 1	Good
113	1BB-F-0426-W	RCS Flow Loop 2	Good
114	1BB-F-0427-W	RCS Flow Loop 2	Good
115	1BB-F-0428-W	RCS Flow Loop 2	Good
116	1BB-F-0429-W	RCS Flow Loop 2	Good
117	1BB-F-0436-W	RCS Flow Loop 3	Good
118	1BB-F-0437-W	RCS Flow Loop 3	Good
119	1BB-F-0438-W	RCS Flow Loop 3	Good
120	1BB-F-0439-W	RCS Flow Loop 3	Good
121	1BB-F-0446-W	RCS Flow Loop 4	Good
122	1BB-F-0447-W	RCS Flow Loop 4	Good
123	1BB-F-0448-W	RCS Flow Loop 4	Good
124	1BB-F-0449-W	RCS Flow Loop 4	Good
125	1BB-P-0411-W	RCS Pressure Wide-Range SPS	Good
126	1BB-P-0421-W	RCS Pressure Wide-Range SPS	Good
127	1BB-P-0431-W	RCS Pressure Wide-Range SPS	Good
128	1BB-P-0441-W	RCS Pressure Wide-Range SPS	Good
129	1BB-P-0412-W	RCS Pressure Narrow-Range SPS	Good
130	1BB-P-0422-W	RCS Pressure Narrow-Range SPS	Good
131	1BB-P-0432-W	RCS Pressure Narrow-Range SPS	Good
132	1BB-P-0442-W	RCS Pressure Narrow-Range SPS	Good

Table C-1 (continued)
OLM Analysis of Sizewell B Transmitters in Containment During RFO7

Item #	Tag	Group	Result
133	1BG-L-0142-W	CVCS Volume Control Tank Level	N/A
134	1BG-L-0143-W	CVCS Volume Control Tank Level	N/A
135	1BG-L-0144-W	CVCS Volume Control Tank Level	N/A
136	1BG-L-0145-W	CVCS Volume Control Tank Level	N/A
137	1BG-L-0149A-W	CVCS Volume Control Tank Level	N/A
138	1BN-L-0930-W	RWST Level A	Good
139	1BN-L-0931-W	RWST Level A	Bad
140	1BN-L-0932-W	RWST Level A	Bad
141	1BN-L-0933-W	RWST Level A	Good
142	1BN-L-0940-W	RWST Level B	Good
143	1BN-L-0941-W	RWST Level B	Good
144	1BN-L-0942-W	RWST Level B	Bad
145	1BN-L-0943-W	RWST Level B	Good
146	1EF-F-0186A-W	ESW Train A Flow	Good
147	1EF-F-0186B-W	ESW Train A Flow	Good
148	1EF-F-0186C-W	ESW Train A Flow	Good
149	1EF-F-0186D-W	ESW Train A Flow	Good
150	1EF-F-0187A-W	ESW Train B Flow	Good
151	1EF-F-0187B-W	ESW Train B Flow	Good
152	1EF-F-0187C-W	ESW Train B Flow	Good
153	1EF-F-0187D-W	ESW Train B Flow	Good
154	1EG-L-0311-W	Surge Tank Level in CCWS Train B	Good
155	1EG-L-0312-W	Surge Tank Level in CCWS Train B	Bad
156	1EG-L-0313-W	Surge Tank Level in CCWS Train B	Good
157	1EG-L-0314-W	Surge Tank Level in CCWS Train B	Good
158	1EG-L-0321-W	Surge Tank Level in CCWS Train A	Good
159	1EG-L-0322-W	Surge Tank Level in CCWS Train A	Good
160	1EG-L-0323-W	Surge Tank Level in CCWS Train A	Good
161	1EG-L-0324-W	Surge Tank Level in CCWS Train A	Good
162	1EG-F-0247A-W	CCWS Flow to Train A Low-Temperature Loads	N/A
163	1EG-F-0247B-W	CCWS Flow to Train A Low-Temperature Loads	N/A
164	1EG-F-0247C-W	CCWS Flow to Train A Low-Temperature Loads	N/A
165	1EG-F-0247D-W	CCWS Flow to Train A Low-Temperature Loads	N/A

Table C-1 (continued)
OLM Analysis of Sizewell B Transmitters in Containment During RFO7

Item #	Tag	Group	Result
166	1EG-F-0248A-W	CCWS Flow to Train B Low-Temperature Loads	Good
167	1EG-F-0248B-W	CCWS Flow to Train B Low-Temperature Loads	Bad
168	1EG-F-0248C-W	CCWS Flow to Train B Low-Temperature Loads	Good
169	1EG-F-0248D-W	CCWS Flow to Train B Low-Temperature Loads	Good
170	1EG-F-0250A-W	CCW Flow in RCP Thermal Barrier Return	Good
171	1EG-F-0250B-W	CCW Flow in RCP Thermal Barrier Return	Good
172	1EG-F-0250C-W	CCW Flow in RCP Thermal Barrier Return	Good
173	1EG-F-0250D-W	CCW Flow in RCP Thermal Barrier Return	Good
174	1GN-P-0937-W	Reactor Building Pressure	Good
175	1GN-P-0936-W	Reactor Building Pressure	Good
176	1GN-P-0935-W	Reactor Building Pressure	Good
177	1GN-P-0934-W	Reactor Building Pressure	Good
178	1GN-P-0940-W	Reactor Building Pressure	Good
179	1GN-P-0941-W	Reactor Building Pressure	Bad
180	1GN-P-0942-W	Reactor Building Pressure	Good
181	1GN-P-0943-W	Reactor Building Pressure	Good
182	1AB-F-0170-W	Main Steamline 1 Flow	Good
183	1AB-F-0171-W	Main Steamline 1 Flow	Good
184	1AB-F-0172-W	Main Steamline 1 Flow	Good
185	1AB-F-0270-W	Main Steamline 2 Flow	Good
186	1AB-F-0271-W	Main Steamline 2 Flow	Good
187	1AB-F-0272-W	Main Steamline 2 Flow	Bad
188	1AB-F-0370-W	Main Steamline 3 Flow	Good
189	1AB-F-0371-W	Main Steamline 3 Flow	Good
190	1AB-F-0372-W	Main Steamline 3 Flow	Good
191	1AB-F-0470-W	Main Steamline 4 Flow	N/A
192	1AB-F-0471-W	Main Steamline 4 Flow	N/A
193	1AB-F-0472-W	Main Steamline 4 Flow	Bad
194	1BB-F-0601-W	RCP Seal Injection Flow	Good
195	1BB-F-0602-W	RCP Seal Injection Flow	Good
196	1BB-F-0603-W	RCP Seal Injection Flow	Bad
197	1BB-F-0604-W	RCP Seal Injection Flow	Good

Cycle 7 Summary Plots

The services for which summary plots are provided in this section are listed in Table C-2. A summary plot is provided for each listed service in Figures C-1 through C-42 as indicated in Table C-2.

Table C-2
List of Services Included in the RFO7 Summary Plots

Item #	Service	Summary Plot Figure Number
1	Main Steam Pressure Loop 1	C-1
2	Main Steam Pressure Loop 2	C-2
3	Main Steam Pressure Loop 3	C-3
4	Main Steam Pressure Loop 4	C-4
5	SG A Level Wide-Range	C-5
6	SG B Level Wide-Range	C-6
7	SG C Level Wide-Range	C-7
8	SG D Level Wide-Range	C-8
9	SG A Level Narrow-Range	C-9
10	SG B Level Narrow-Range	C-10
11	SG C Level Narrow-Range	C-11
12	SG D Level Narrow-Range	C-12
13	Main Feed Flow to SG A	C-13
14	Main Feed Flow to SG B	C-14
15	Main Feed Flow to SG C	C-15
16	Main Feed Flow to SG D	C-16
17	Pressurizer Pressure	C-17
18	Pressurizer Level	C-18
19	RCS Pressure Narrow-Range PPS	C-19
20	RCS Pressure Wide-Range PPS	C-20
21	RCS Flow Loop 1	C-21
22	RCS Flow Loop 2	C-22
23	RCS Flow Loop 3	C-23
24	RCS Flow Loop 4	C-24

Table C-2 (continued)
List of Services Included in the RFO7 Summary Plots

Item #	Service	Summary Plot Figure Number
25	RCS Pressure Wide-Range SPS	C-25
26	RCS Pressure Narrow-Range SPS	C-26
27	CVCS Volume Control Tank Level	C-27
28	RWST Level A	C-28
29	RWST Level B	C-29
30	ESW Train A Flow	C-30
31	ESW Train B Flow	C-31
32	Surge Tank Level in CCWS Train B	C-32
33	Surge Tank Level in CCWS Train A	C-33
34	CCWS Flow to Train A Low-Temperature Loads	C-34
35	CCWS Flow to Train B Low-Temperature Loads	C-35
36	CCW Flow in RCP Thermal Barrier Return	C-36
37	Reactor Building Pressure	C-37
38	Main Steamline 1 Flow	C-38
39	Main Steamline 2 Flow	C-39
40	Main Steamline 3 Flow	C-40
41	Main Steamline 4 Flow	C-41
42	RCP Seal Injection Flow	C-42

Cycle Summary

Group: MAIN STEAM PRESSURE LOOP 1 **Summary File:** Cycle7Summary **Test Engineer:** AMS

Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final
1AB-P-0513-W	PPS									X	X	X	X	X	X	X	X	X	X			X
1AB-P-0514-W	PPS	X																		X		X
1AB-P-0515-W	PPS																					
1AB-P-0516-W	PPS																					
1AB-P-0177-W	PFM						X		X	X											X	X
1AB-P-0174-W	SPS																			X	X	X
1AB-P-0175-W	SPS																				X	X
1AB-P-0137-W	SPS																				X	X
1AB-P-0138-W	SPS		X																		X	X

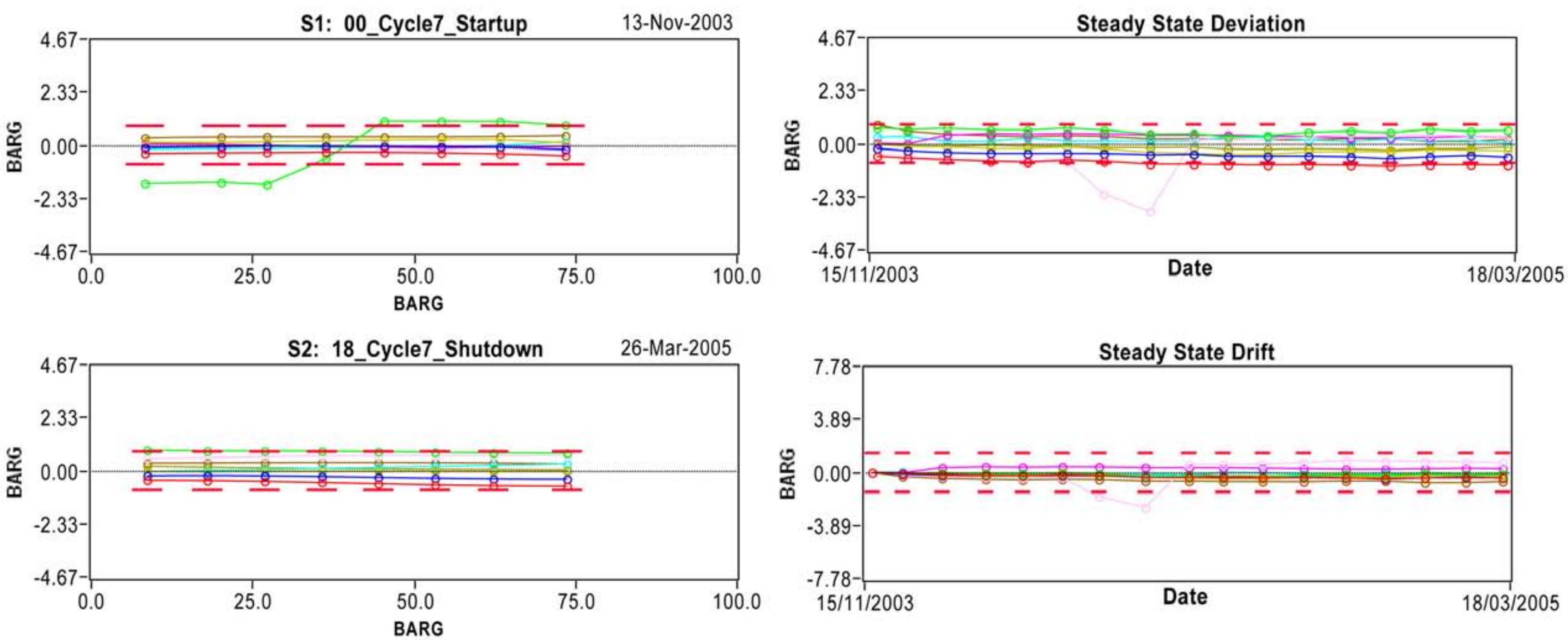


Figure C-1
Main Steam Pressure Loop 1 Summary Plot: Cycle 7

Cycle Summary

Group: MAIN STEAM PRESSURE LOOP 2 **Summary File:** Cycle7Summary **Test Engineer:** AMS

Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final
1AB-P-0523-W	PPS																					
1AB-P-0524-W	PPS																					
1AB-P-0525-W	PPS																					
1AB-P-0526-W	PPS																					
1AB-P-0277-W	PFM	X	X	X	X	X	X	X							X	X	X			X	X	X
1AB-P-0275-W	SPS																					
1AB-P-0274-W	SPS																				X	X
1AB-P-0237-W	SPS																				X	X
1AB-P-0238-W	SPS																					

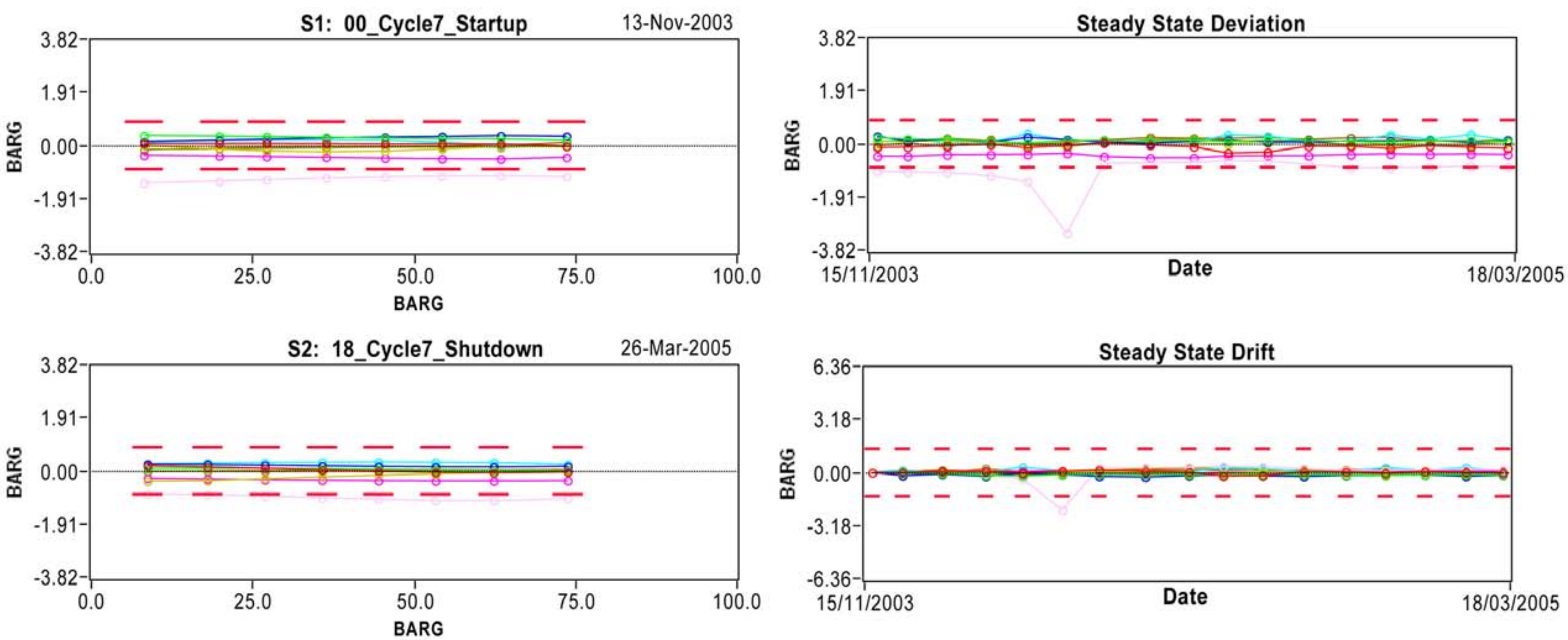


Figure C-2
Main Steam Pressure Loop 2 Summary Plot: Cycle 7

Cycle Summary

Group: MAIN STEAM PRESSURE LOOP 3 **Summary File:** Cycle7Summary **Test Engineer:** AMS

Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final
1AB-P-0533-W	PPS																					
1AB-P-0534-W	PPS																					
1AB-P-0535-W	PPS																					
1AB-P-0536-W	PPS																					
1AB-P-0377-W	PFM																					
1AB-P-0337-W	SPS																					
1AB-P-0338-W	SPS																					
1AB-P-0375-W	SPS	X																				X
1AB-P-0374-W	SPS																					

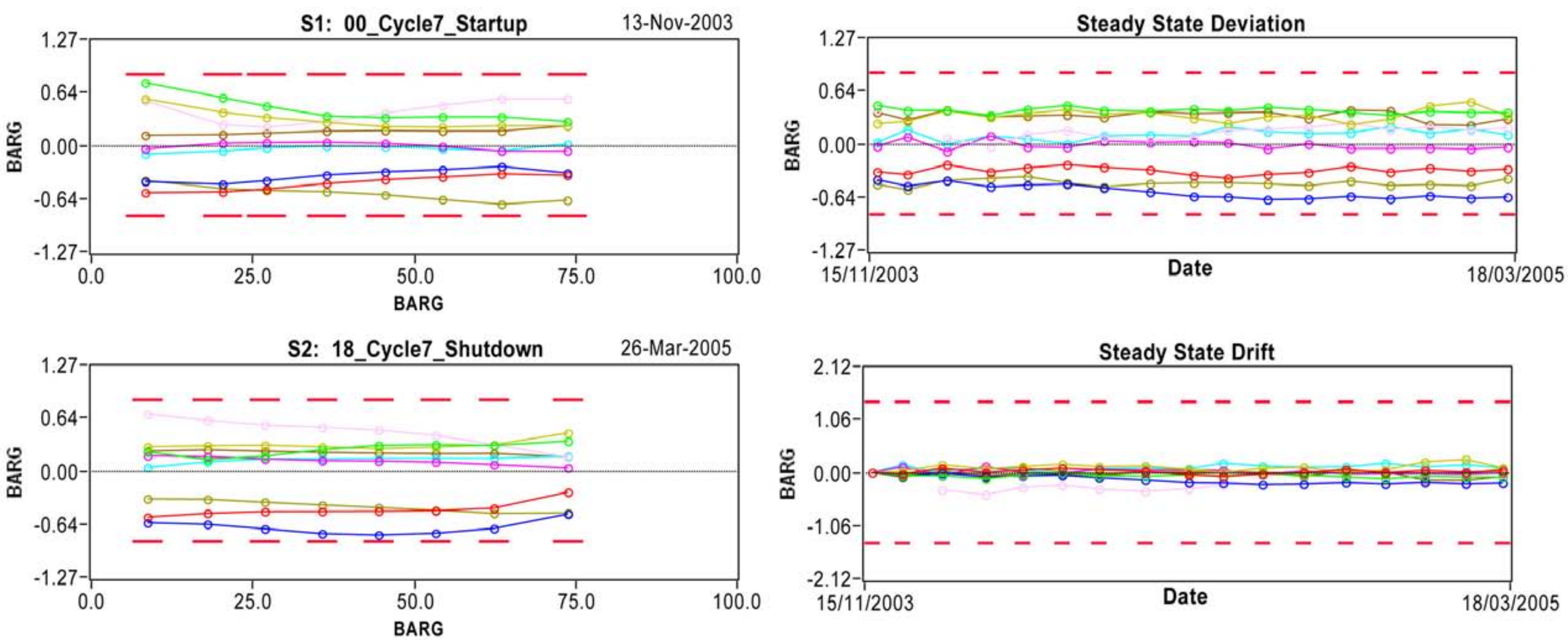
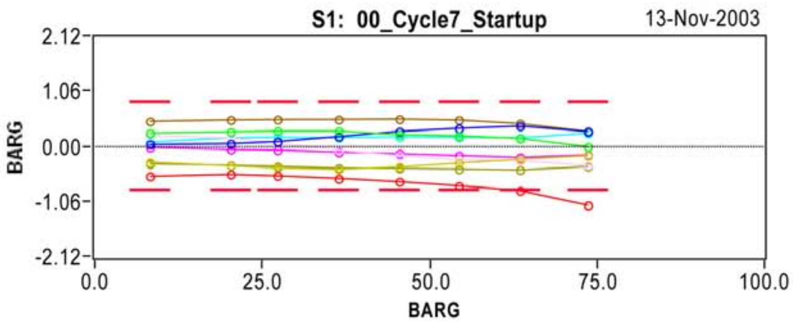


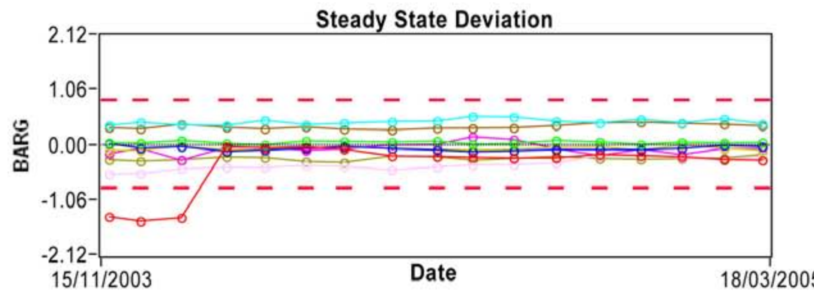
Figure C-3
Main Steam Pressure Loop 3 Summary Plot: Cycle 7

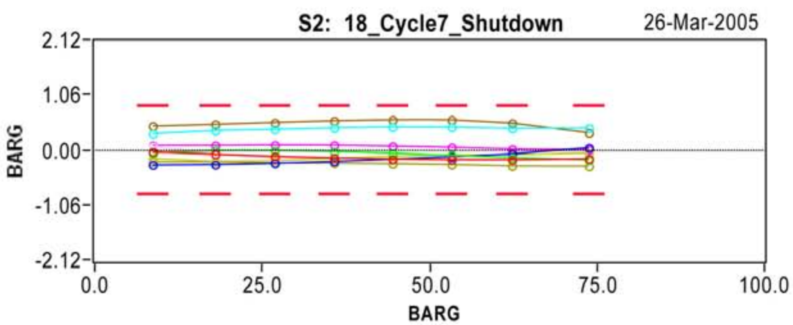
Cycle Summary

Group: MAIN STEAM PRESSURE LOOP 4 **Summary File:** Cycle7Summary **Test Engineer:** AMS

Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final
1AB-P-0543-W	PPS	X	X	X	X																	X
1AB-P-0544-W	PPS																					
1AB-P-0545-W	PPS																					
1AB-P-0546-W	PPS																					
1AB-P-0477-W	PFM																					
1AB-P-0437-W	SPS																				X	X
1AB-P-0438-W	SPS																					
1AB-P-0474-W	SPS																					
1AB-P-0475-W	SPS																					







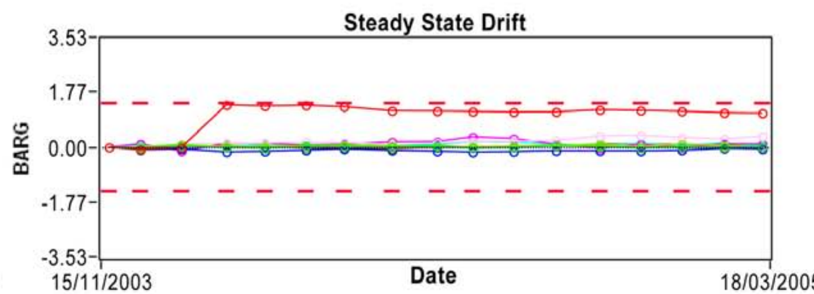


Figure C-4
Main Steam Pressure Loop 4 Summary Plot: Cycle 7

Cycle Summary

Group: STEAM GENERATOR A LEVEL WR **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1AE-L-0501-W	PPS																						
	1AE-L-0505-W	PPS																						

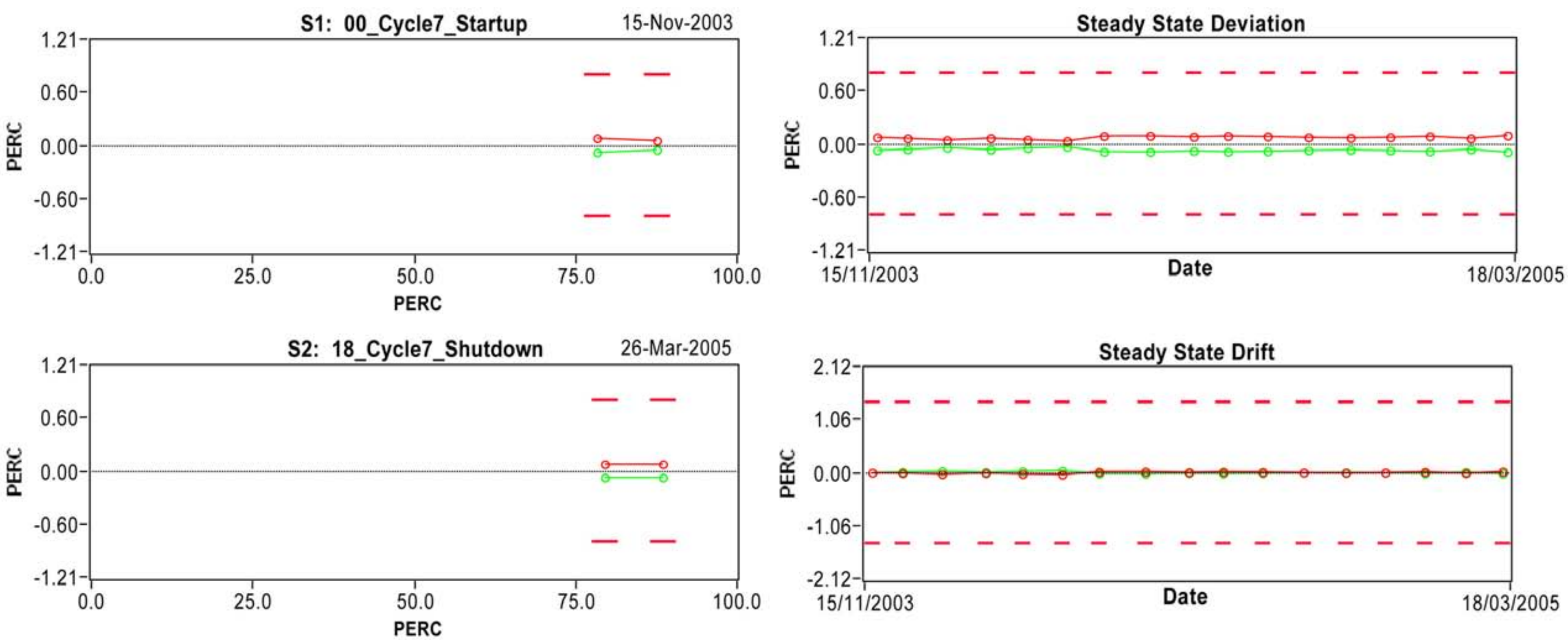


Figure C-5
SG A Level Wide-Range Summary Plot: Cycle 7

Cycle Summary

Group: STEAM GENERATOR B LEVEL WR **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1AE-L-0502-W	PPS														X	X	X	X	X	X		X	
	1AE-L-0506-W	PPS														X	X	X	X	X	X		X	

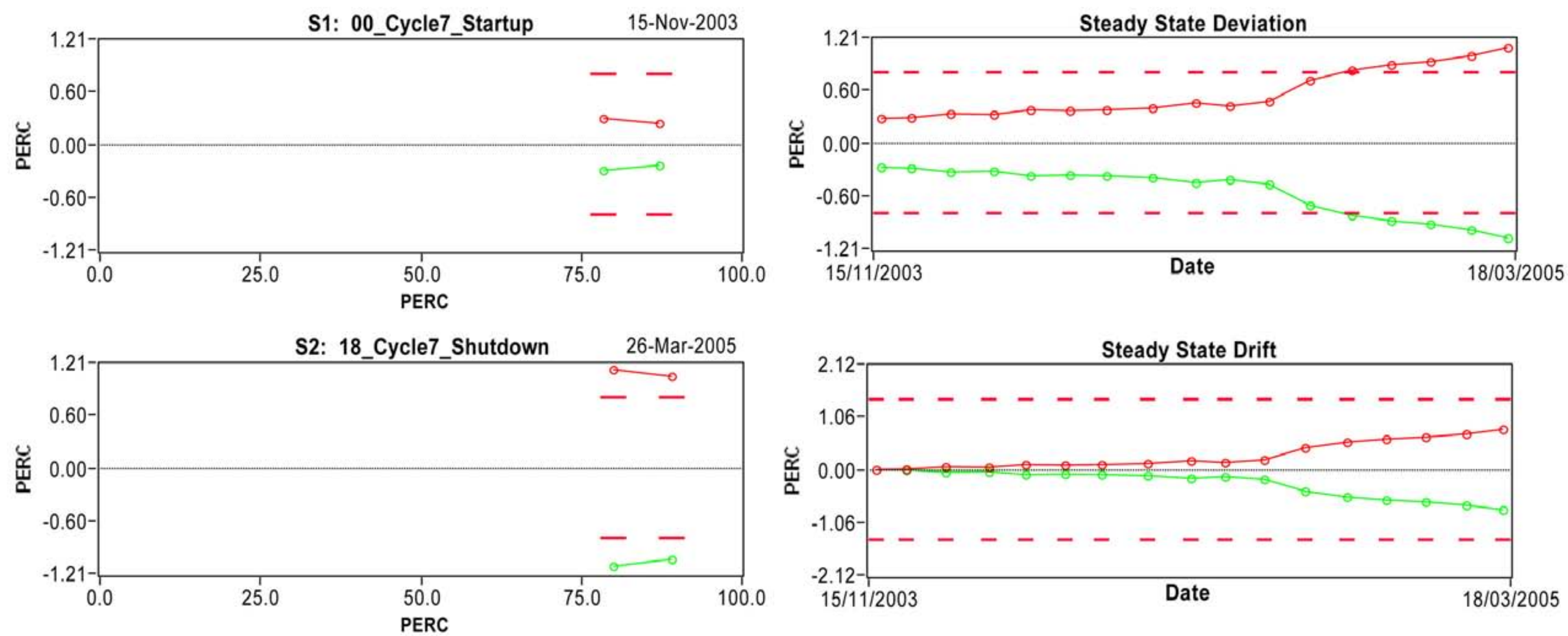


Figure C-6
SG B Level Wide-Range Summary Plot: Cycle 7

Cycle Summary

Group: STEAM GENERATOR C LEVEL WR **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1AE-L-0503-W	PPS																						
	1AE-L-0507-W	PPS																						

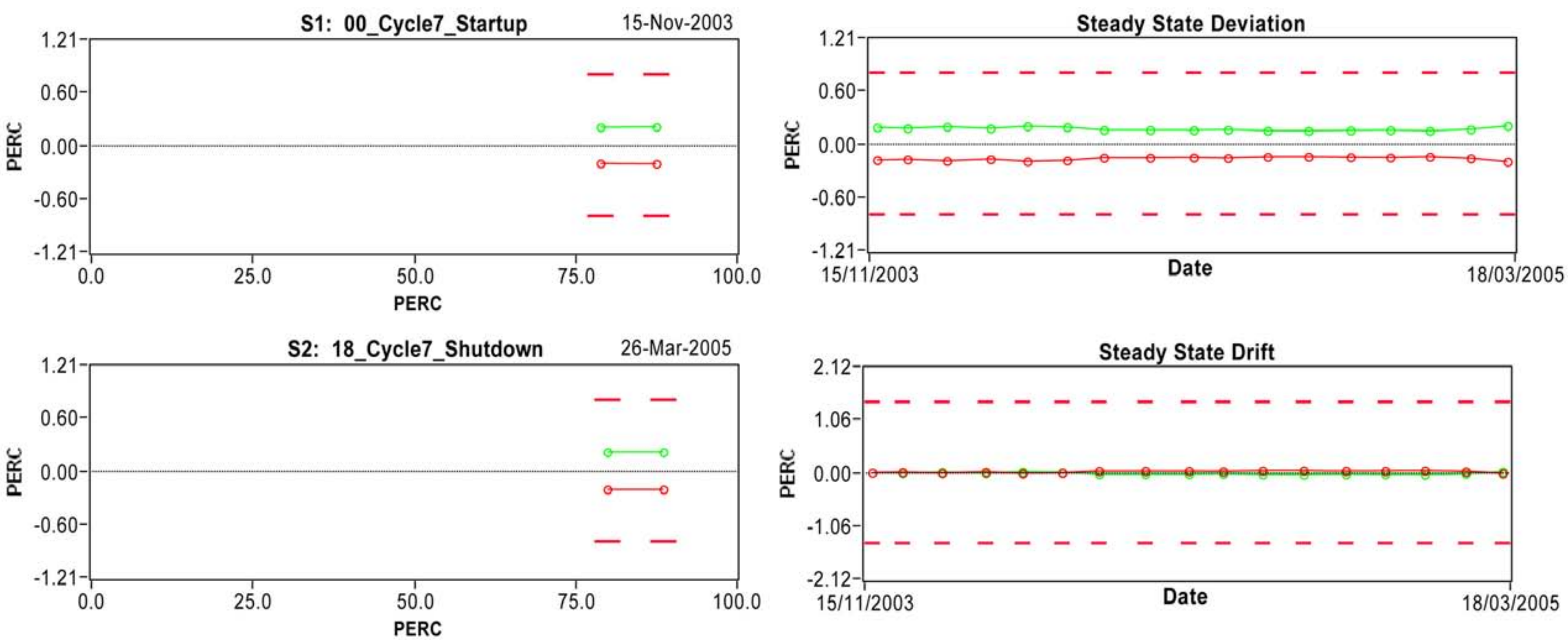


Figure C-7
SG C Level Wide-Range Summary Plot: Cycle 7

Cycle Summary

Group: STEAM GENERATOR D LEVEL WR **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1AE-L-0504-W	PPS																						
	1AE-L-0508-W	PPS																						

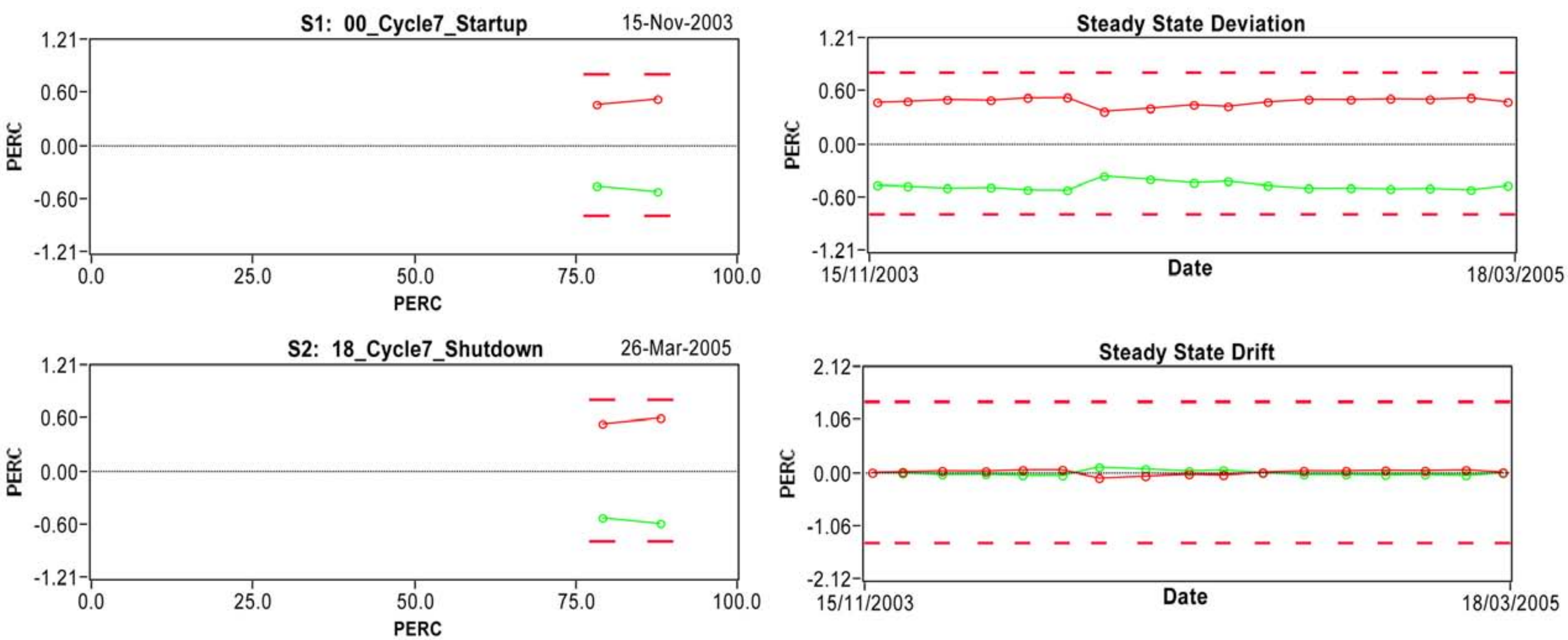


Figure C-8
SG D Level Wide-Range Summary Plot: Cycle 7

Cycle Summary

Group: STEAM GENERATOR A LEVEL NR **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1AE-L-0517-W	PPS																						
	1AE-L-0518-W	PPS																						
	1AE-L-0519-W	PPS																						
	1AE-L-0551-W	PPS																						
	1AE-L-0011-W	SPS																						
	1AE-L-0012-W	SPS																						
	1AE-L-0013-W	SPS																						
	1AE-L-0014-W	SPS																						

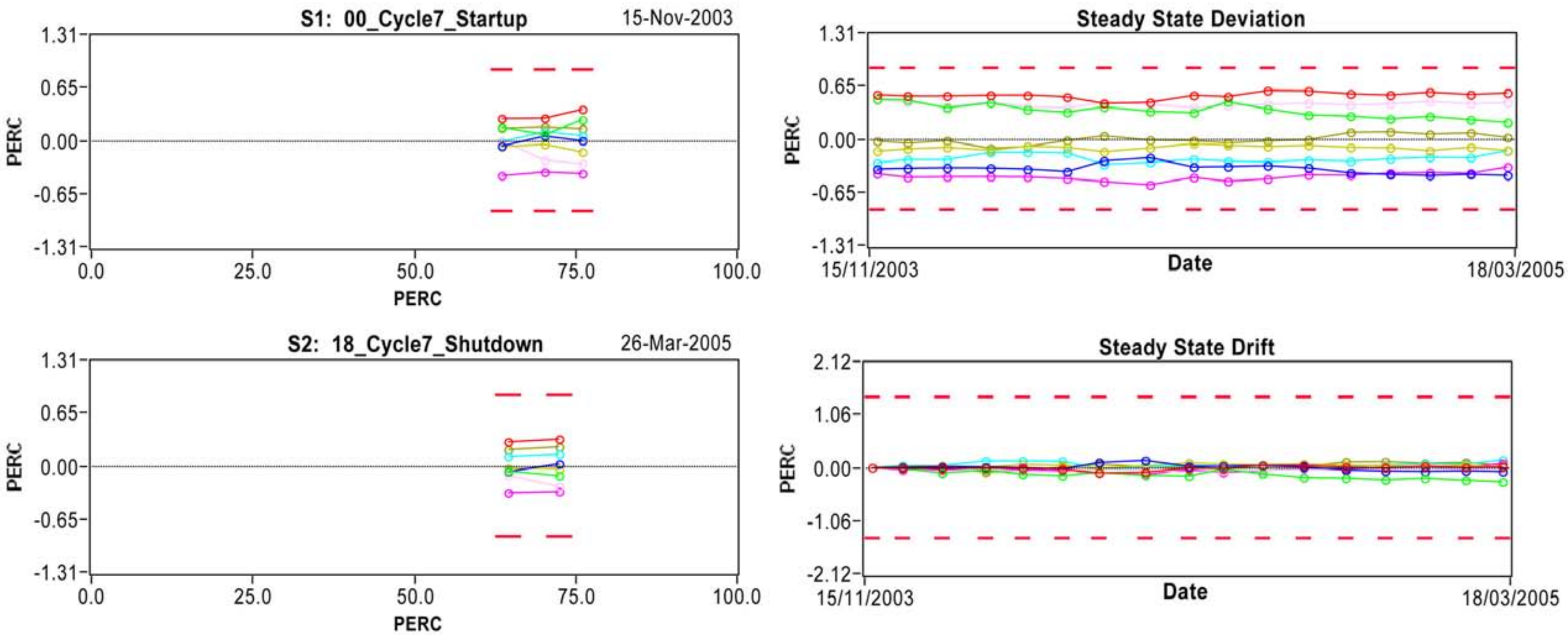


Figure C-9
SG A Level Narrow-Range Summary Plot: Cycle 7

Cycle Summary

Group: STEAM GENERATOR B LEVEL NR **Summary File:** Cycle7Summary **Test Engineer:** AMS

Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final
1AE-L-0527-W	PPS																					
1AE-L-0528-W	PPS																					
1AE-L-0529-W	PPS																					
1AE-L-0552-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X
1AE-L-0021-W	SPS																					
1AE-L-0022-W	SPS																					
1AE-L-0023-W	SPS																					
1AE-L-0024-W	SPS																					

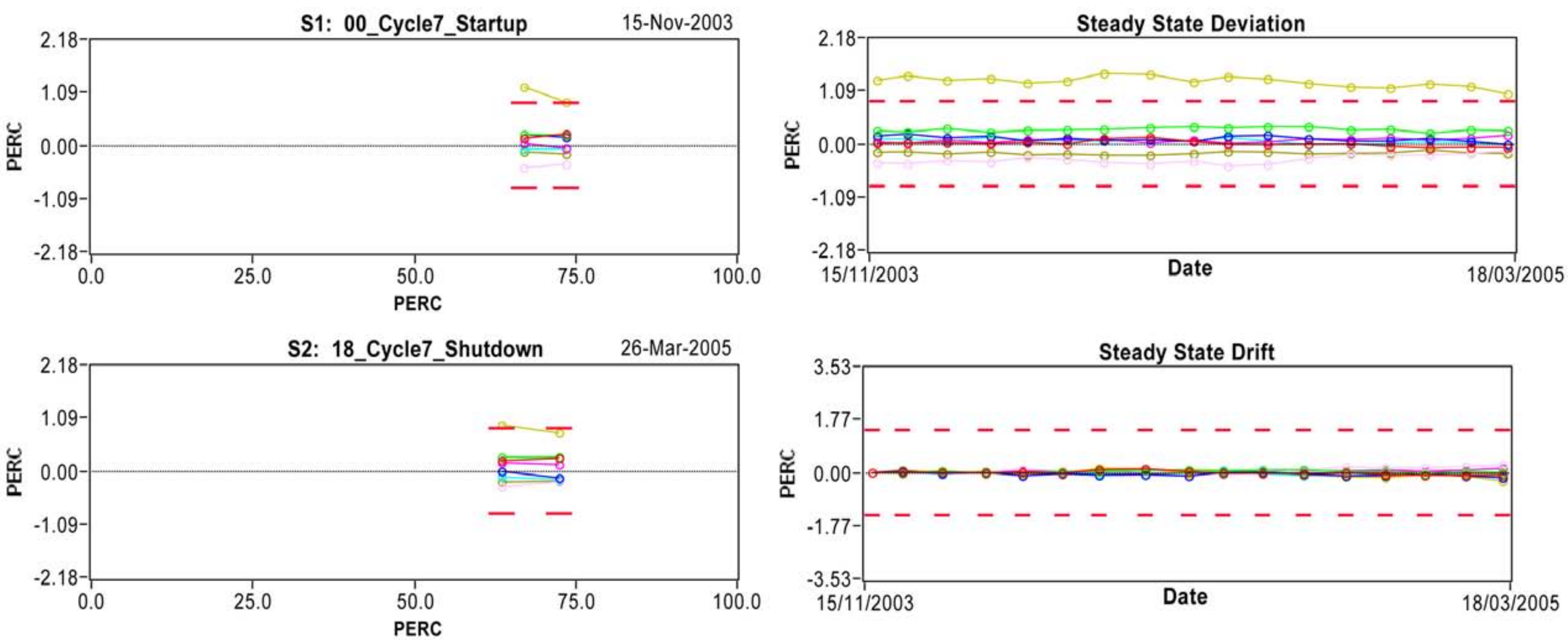


Figure C-10
SG B Level Narrow-Range Summary Plot: Cycle 7

Cycle Summary

Group: STEAM GENERATOR C LEVEL NR **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1AE-L-0537-W	PPS																						
	1AE-L-0538-W	PPS																						
	1AE-L-0539-W	PPS																						
	1AE-L-0553-W	PPS																						
	1AE-L-0031-W	SPS																						
	1AE-L-0032-W	SPS																						
	1AE-L-0033-W	SPS																						
	1AE-L-0034-W	SPS																						

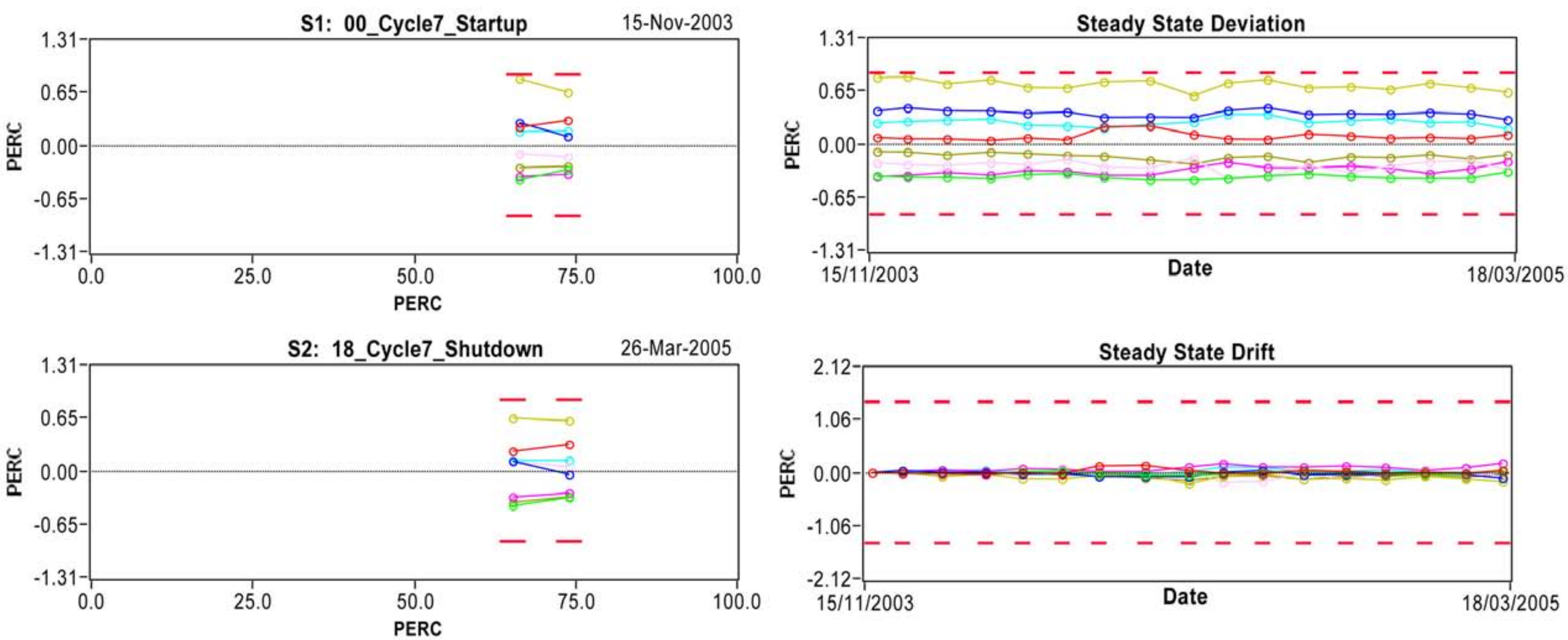
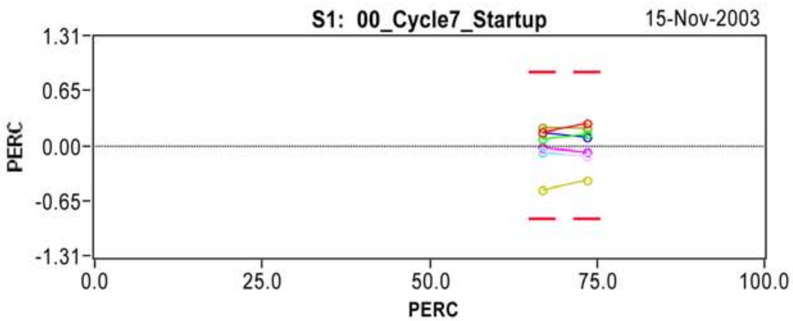


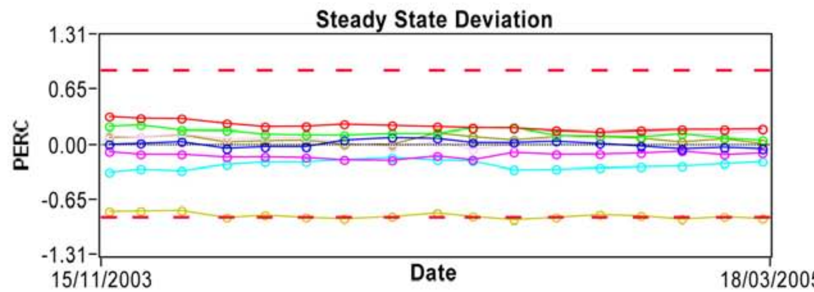
Figure C-11
SG C Level Narrow-Range Summary Plot: Cycle 7

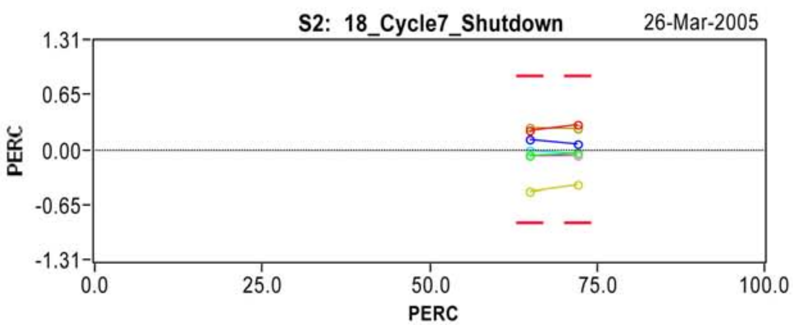
Cycle Summary

Group: STEAM GENERATOR D LEVEL NR **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1AE-L-0547-W	PPS																						
	1AE-L-0548-W	PPS																						
	1AE-L-0549-W	PPS																						
	1AE-L-0554-W	PPS					X	X	X	X	X		X	X	X	X	X	X	X	X			X	
	1AE-L-0041-W	SPS																						
	1AE-L-0042-W	SPS																						
	1AE-L-0043-W	SPS																						
	1AE-L-0044-W	SPS																						







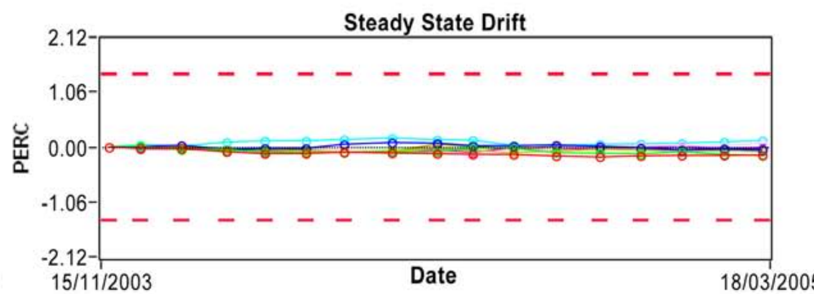


Figure C-12
SG D Level Narrow-Range Summary Plot: Cycle 7

Cycle Summary

Group: MAIN FEED FLOW TO SG A **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1AE-F-0515A-W	PPS	X							X	X												X	
	1AE-F-0515B-W	PPS	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X					X	
	1AE-F-0515C-W	PPS	X							X	X								X	X	X	X	X	
	1AE-F-0515D-W	PPS	X							X	X												X	

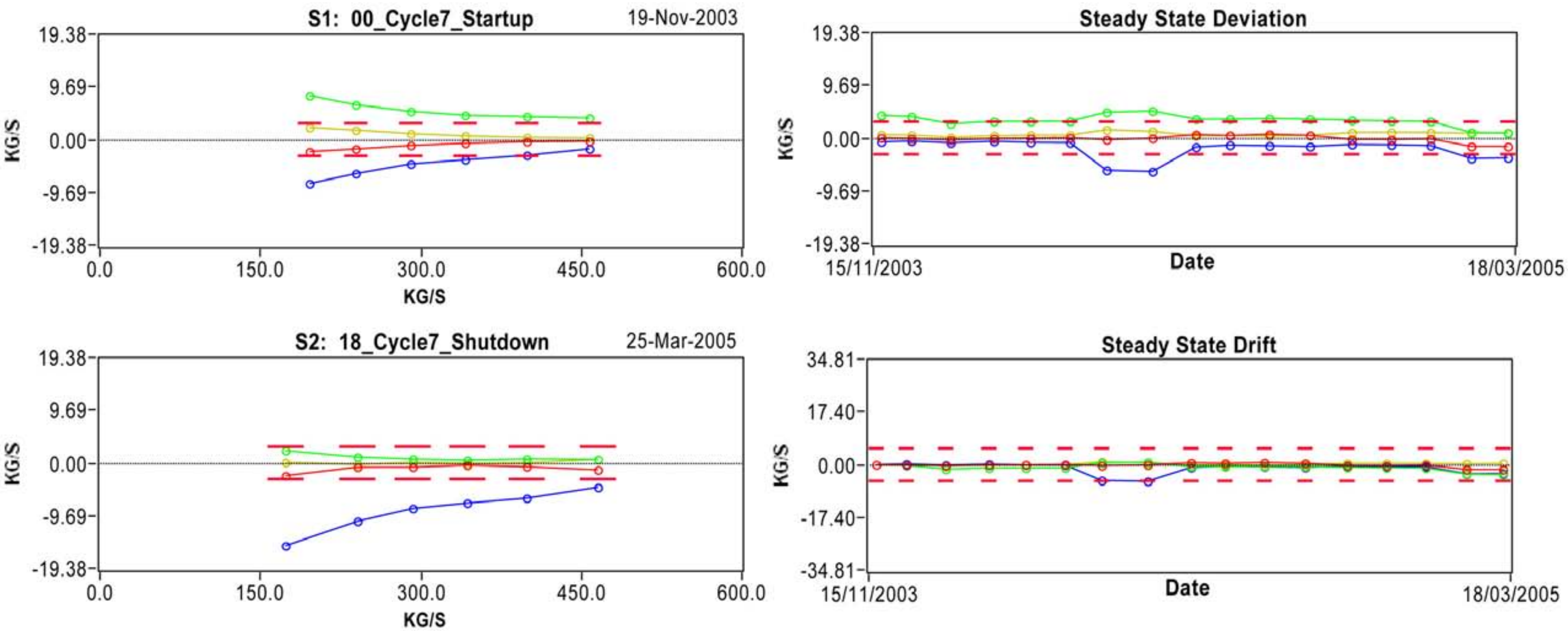


Figure C-13
Main Feed Flow to SG A Summary Plot: Cycle 7

Cycle Summary

Group: MAIN FEED FLOW TO SG B **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1AE-F-0525A-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	
	1AE-F-0525B-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	
	1AE-F-0525C-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	
	1AE-F-0525D-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	

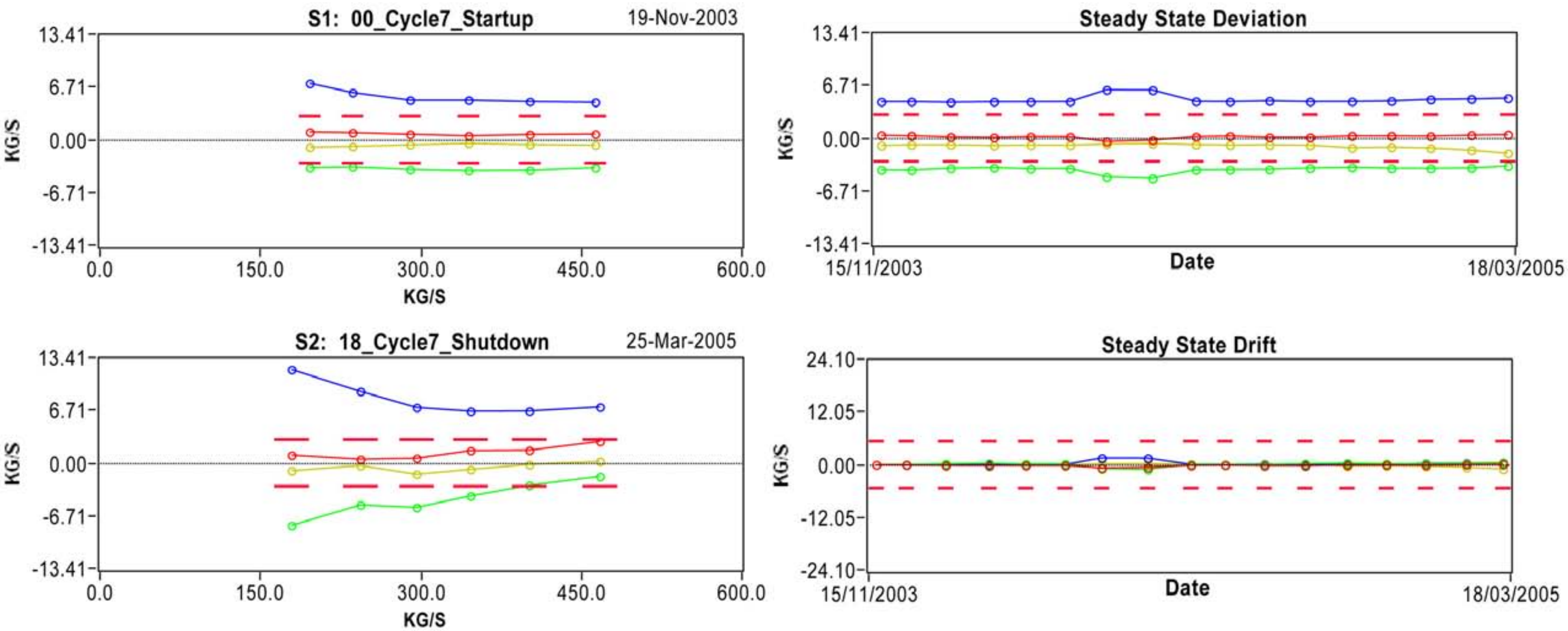


Figure C-14
Main Feed Flow to SG B Summary Plot: Cycle 7

Cycle Summary

Group: MAIN FEED FLOW TO SG C **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1AE-F-0535A-W	PPS																						
	1AE-F-0535B-W	PPS																						
	1AE-F-0535C-W	PPS																						
	1AE-F-0535D-W	PPS	X							X	X	X	X	X	X	X	X	X	X	X	X		X	

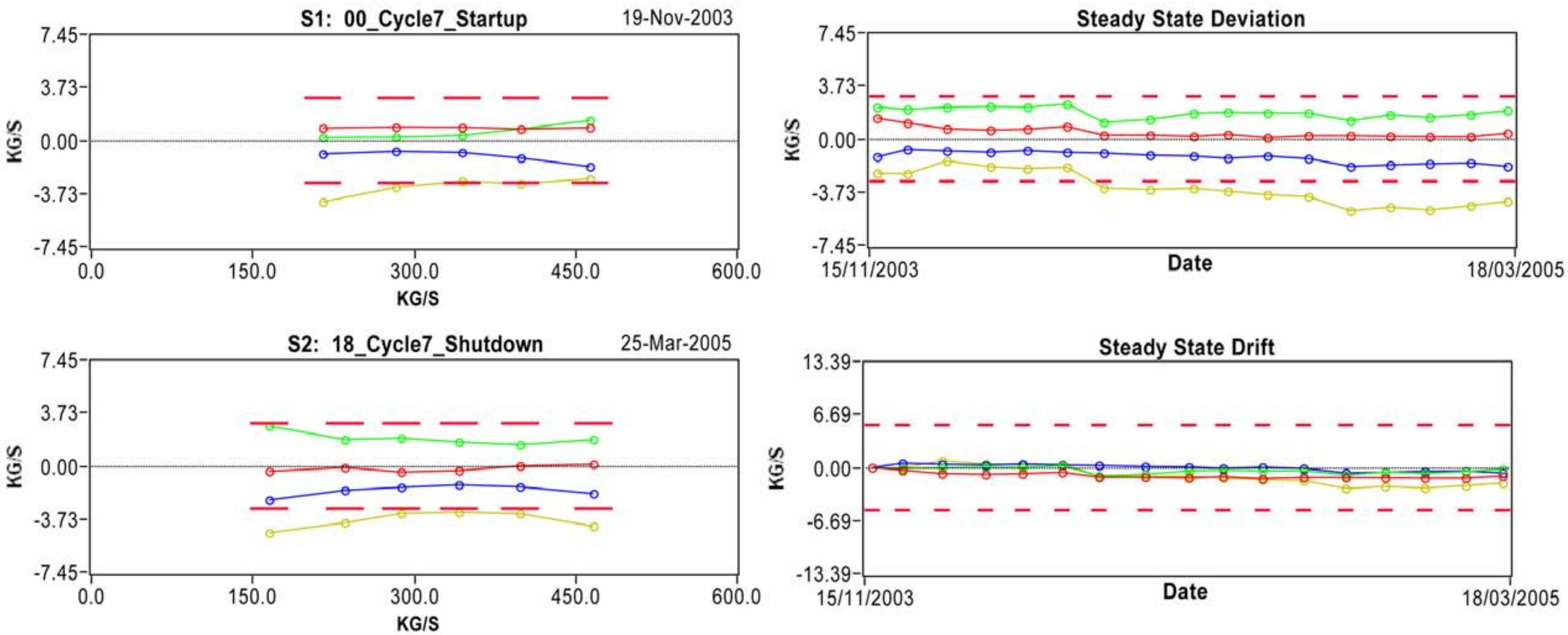


Figure C-15
Main Feed Flow to SG C Summary Plot: Cycle 7

Cycle Summary

Group: MAIN FEED FLOW TO SG D **Summary File:** Cycle7Summary **Test Engineer:** AMS

Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final
1AE-F-0545A-W	PPS																					
1AE-F-0545B-W	PPS																			X		X
1AE-F-0545C-W	PPS																					
1AE-F-0545D-W	PPS	X							X	X										X		X

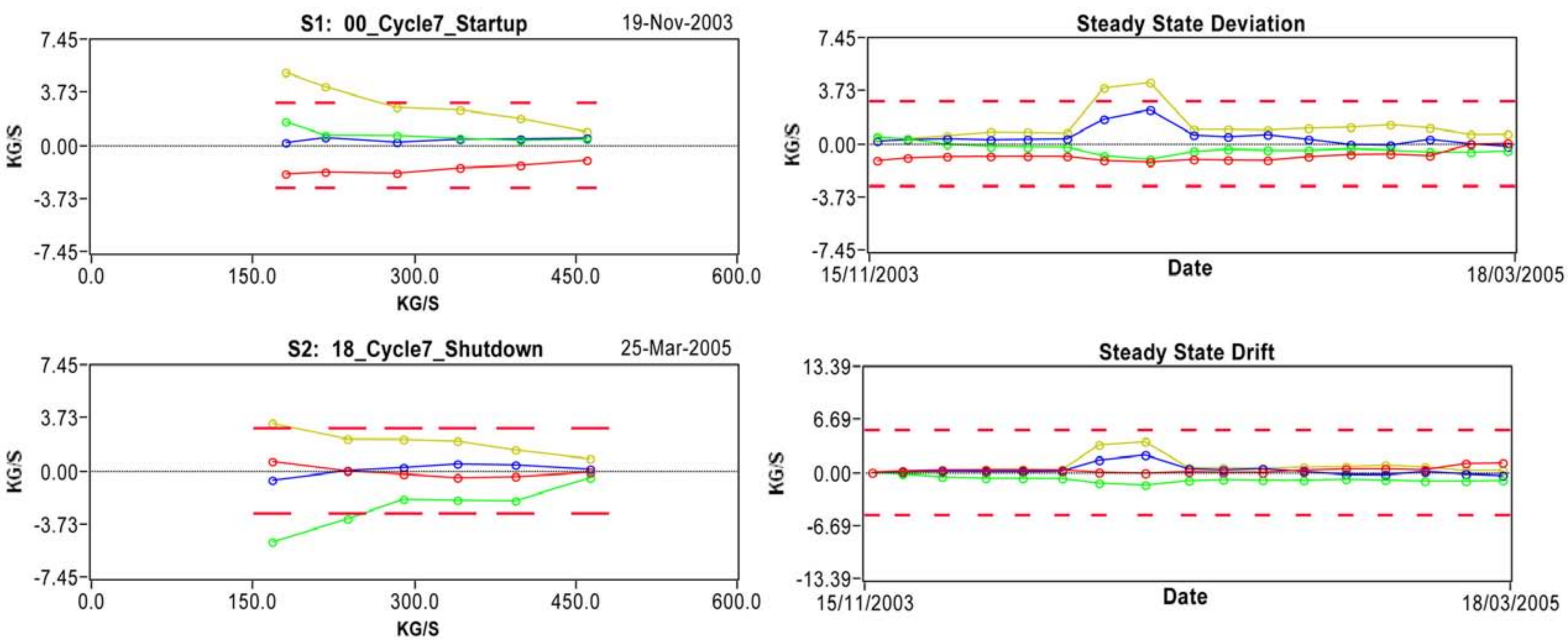


Figure C-16
Main Feed Flow to SG D Summary Plot: Cycle 7

Cycle Summary

Group: PRESSURISER PRESSURE **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1BB-P-0455-W	PPS																						
	1BB-P-0456-W	PPS	X																				X	
	1BB-P-0457-W	PPS																						
	1BB-P-0458-W	PPS																						

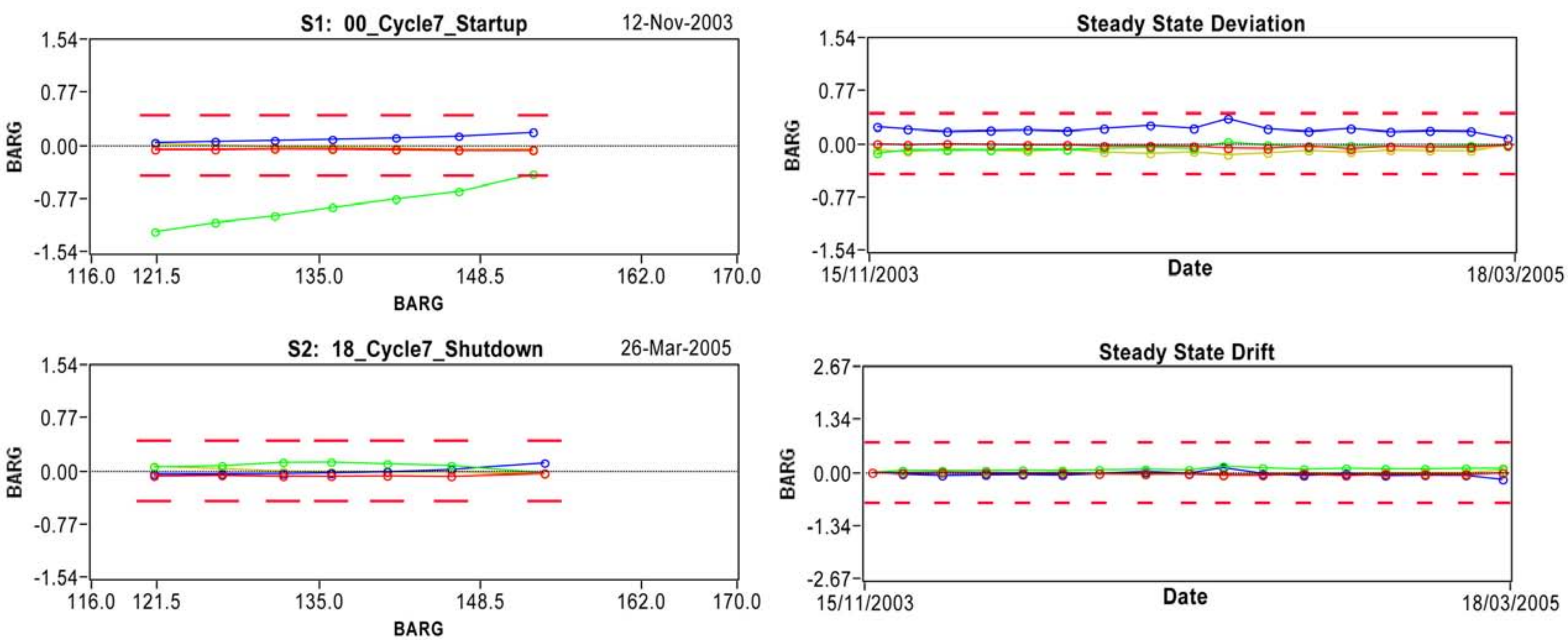
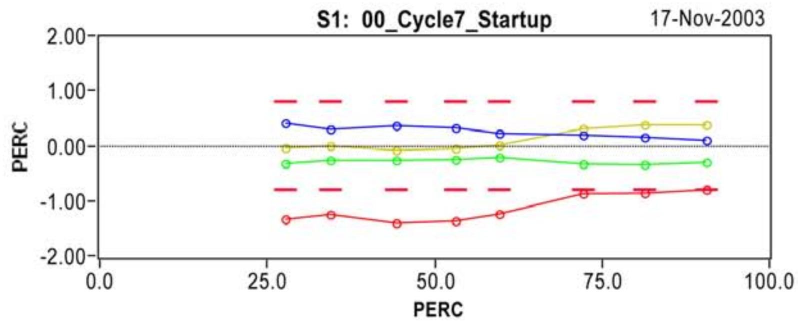


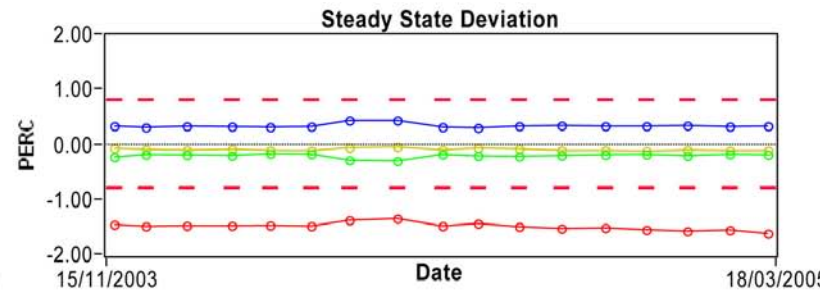
Figure C-17
Pressurizer Pressure Summary Plot: Cycle 7

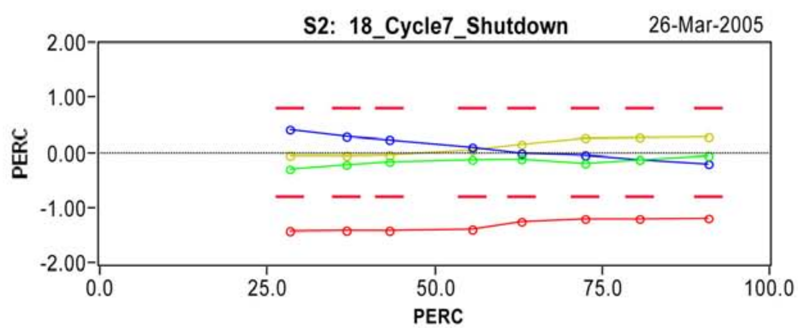
Cycle Summary

Group: PRESSURISER LEVEL **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1BB-L-0465-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	
	1BB-L-0466-W	PPS																						
	1BB-L-0467-W	PPS																						
	1BB-L-0468-W	PPS																						







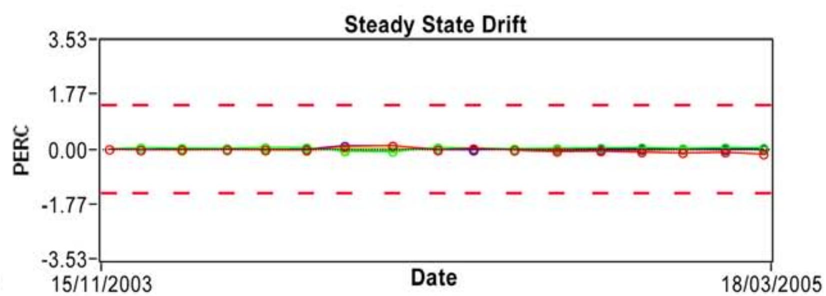


Figure C-18
Pressurizer Level Summary Plot: Cycle 7

Cycle Summary

Group: RCS PRESSURE NR PPS **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1BB-P-0406-W	PPS																						
	1BB-P-0407-W	PPS																						
	1BB-P-0408-W	PPS																						
	1BB-P-0409-W	PPS																						

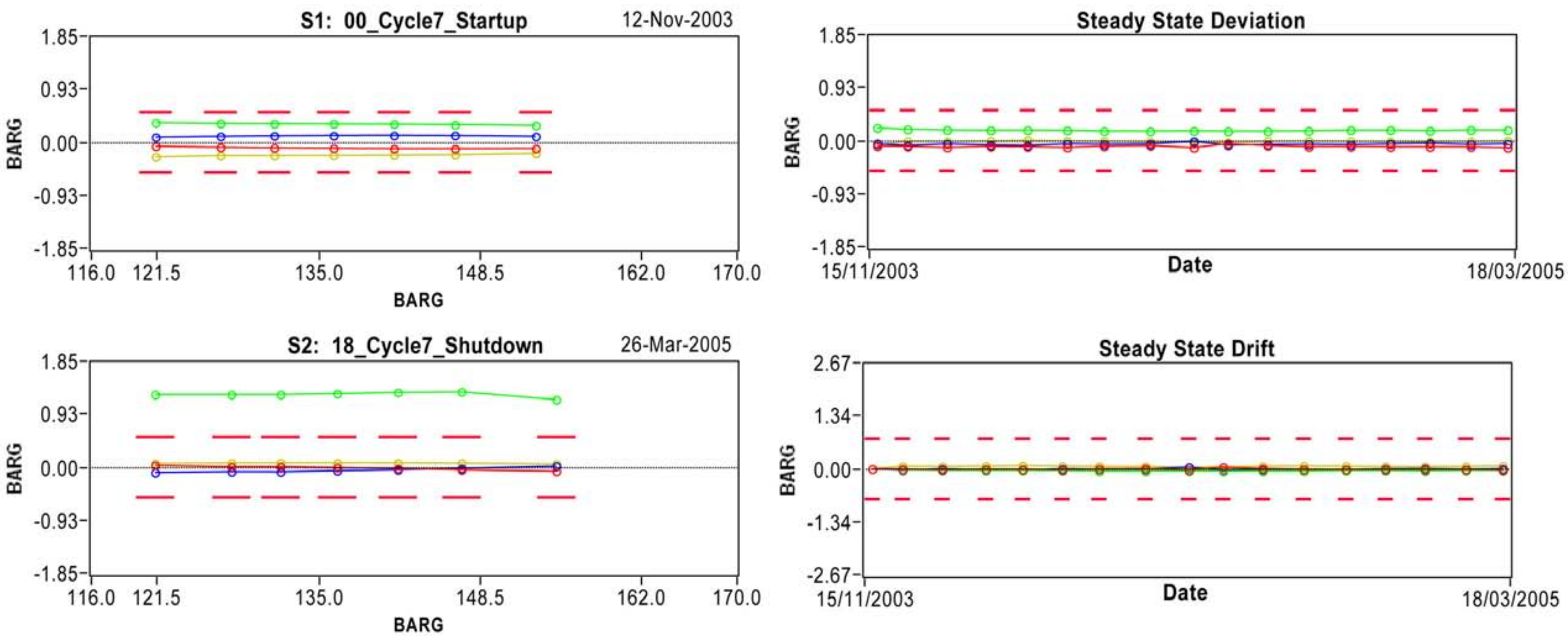


Figure C-19
RCS Pressure Narrow-Range PPS Summary Plot: Cycle 7

Cycle Summary

Group: RCS PRESSURE WR PPS **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1BB-P-0401-W	PPS																						
	1BB-P-0402-W	PPS																						
	1BB-P-0403-W	PPS																						
	1BB-P-0404-W	PPS																						

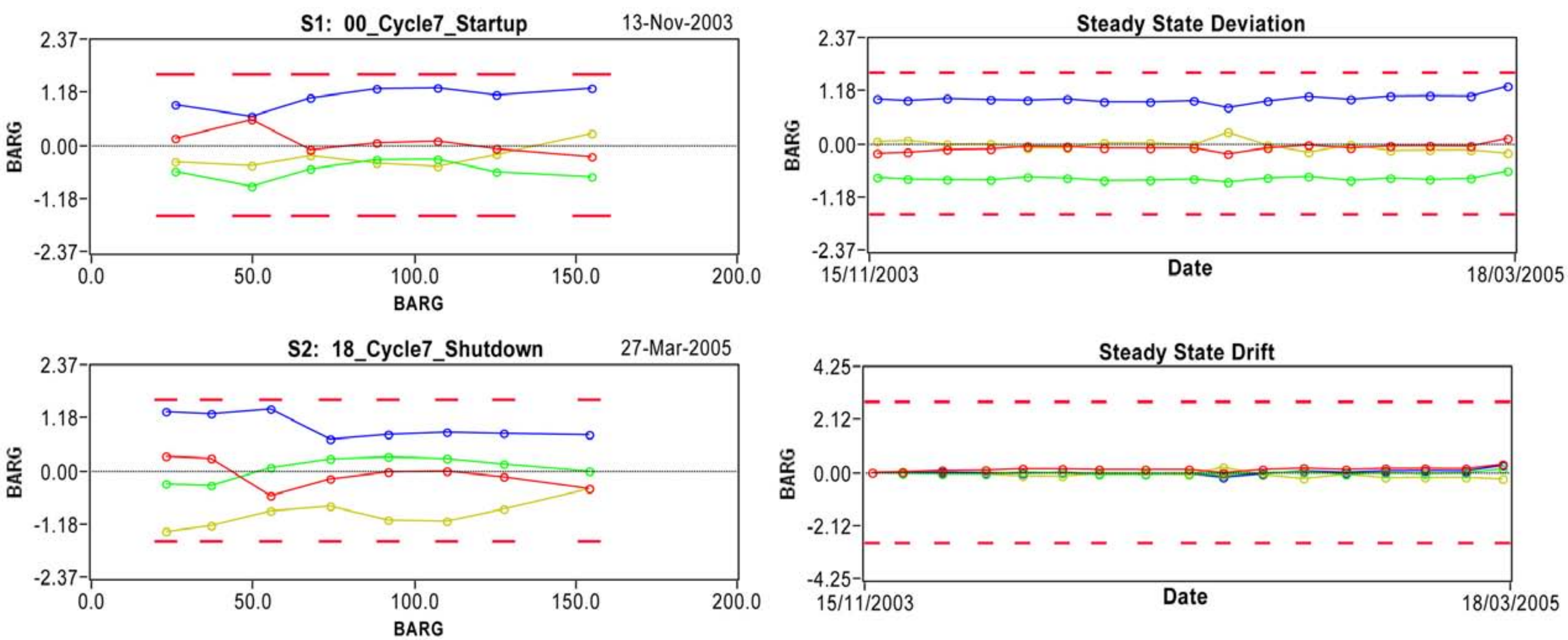


Figure C-20
RCS Pressure Wide-Range PPS Summary Plot: Cycle 7

Cycle Summary

Group: RCS FLOW LOOP 1 **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1BB-F-0416-W	PPS																						
	1BB-F-0417-W	PPS																						
	1BB-F-0418-W	PPS																						
	1BB-F-0419-W	PPS																						

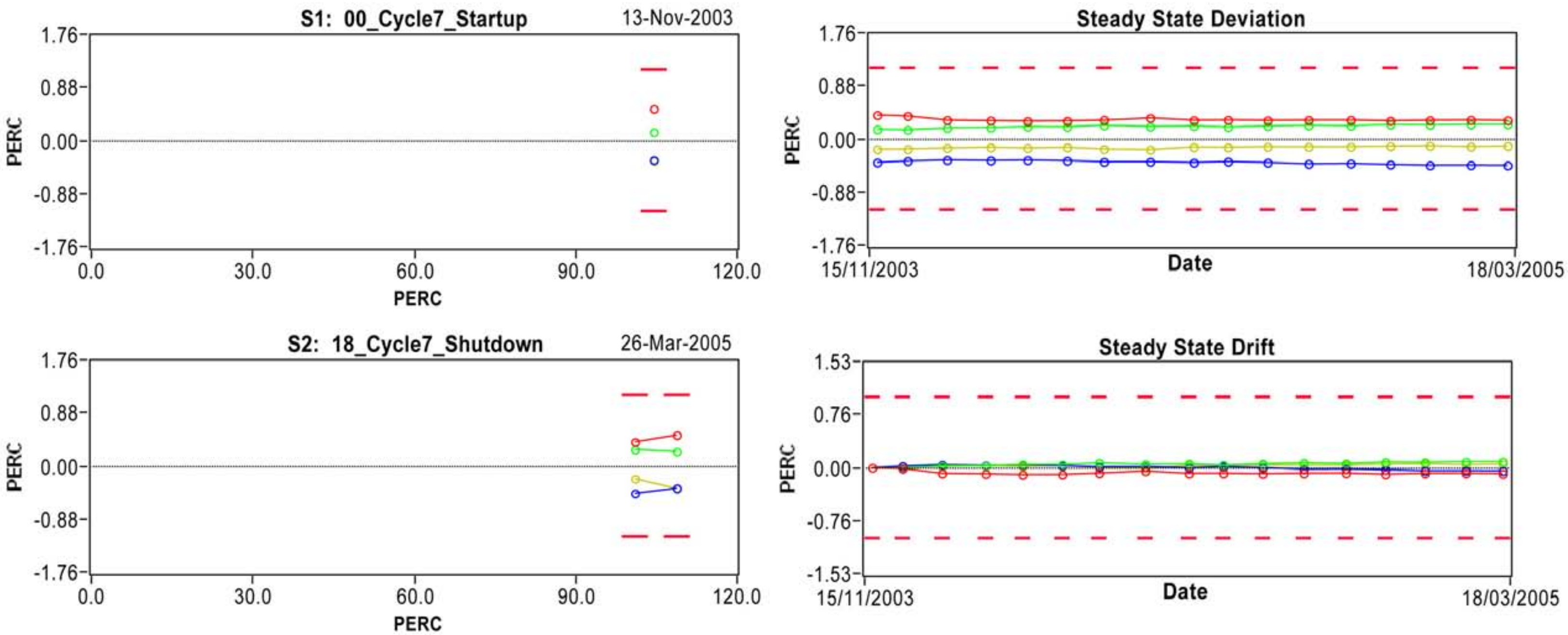


Figure C-21
RCS Flow Loop 1 Summary Plot: Cycle 7

Cycle Summary

Group: RCS FLOW LOOP 2 **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1BB-F-0426-W	PPS																						
	1BB-F-0427-W	PPS																						
	1BB-F-0428-W	PPS																						
	1BB-F-0429-W	PPS																						

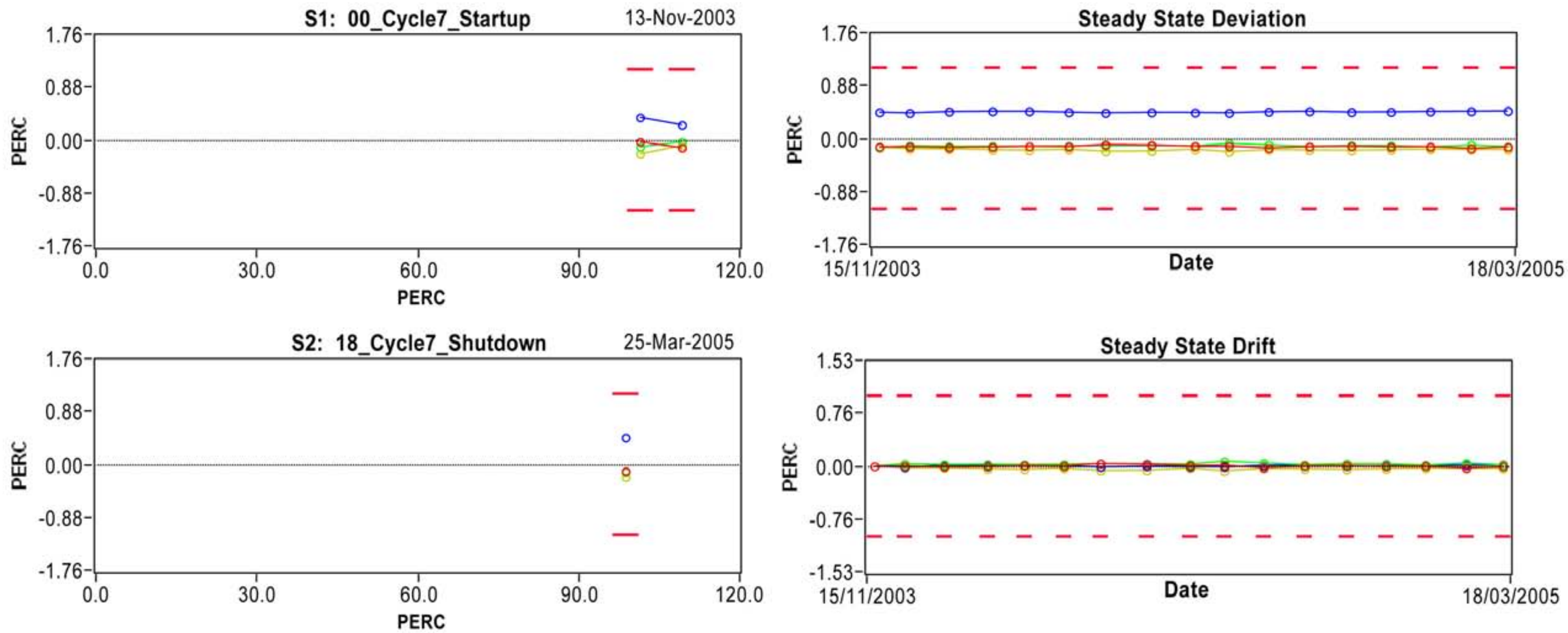


Figure C-22
RCS Flow Loop 2 Summary Plot: Cycle 7

Cycle Summary

Group: RCS FLOW LOOP 3 **Summary File:** Cycle7Summary **Test Engineer:** AMS

Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final
1BB-F-0436-W	PPS																					
1BB-F-0437-W	PPS																					
1BB-F-0438-W	PPS																					
1BB-F-0439-W	PPS																					

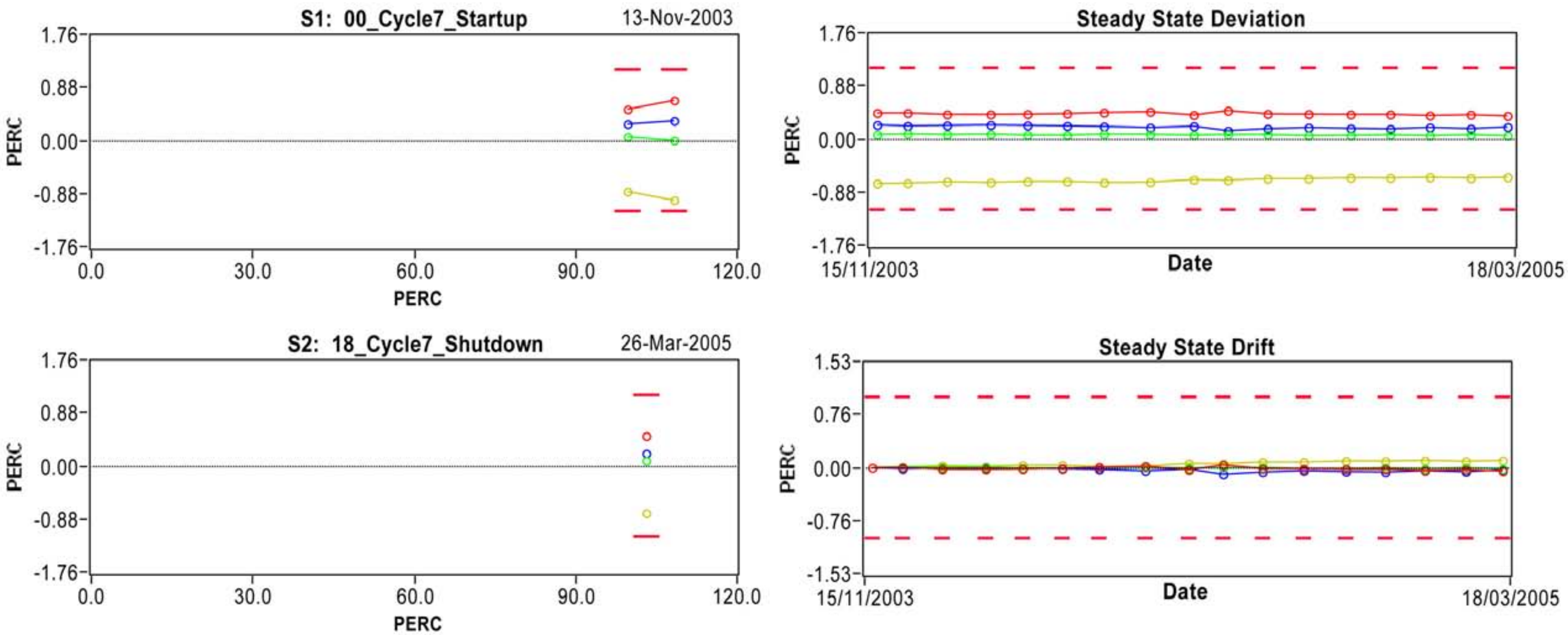


Figure C-23
RCS Flow Loop 3 Summary Plot: Cycle 7

Cycle Summary

Group: RCS FLOW LOOP 4 **Summary File:** Cycle7Summary **Test Engineer:** AMS

Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final
1BB-F-0446-W	PPS																					
1BB-F-0447-W	PPS																					
1BB-F-0448-W	PPS																					
1BB-F-0449-W	PPS																					

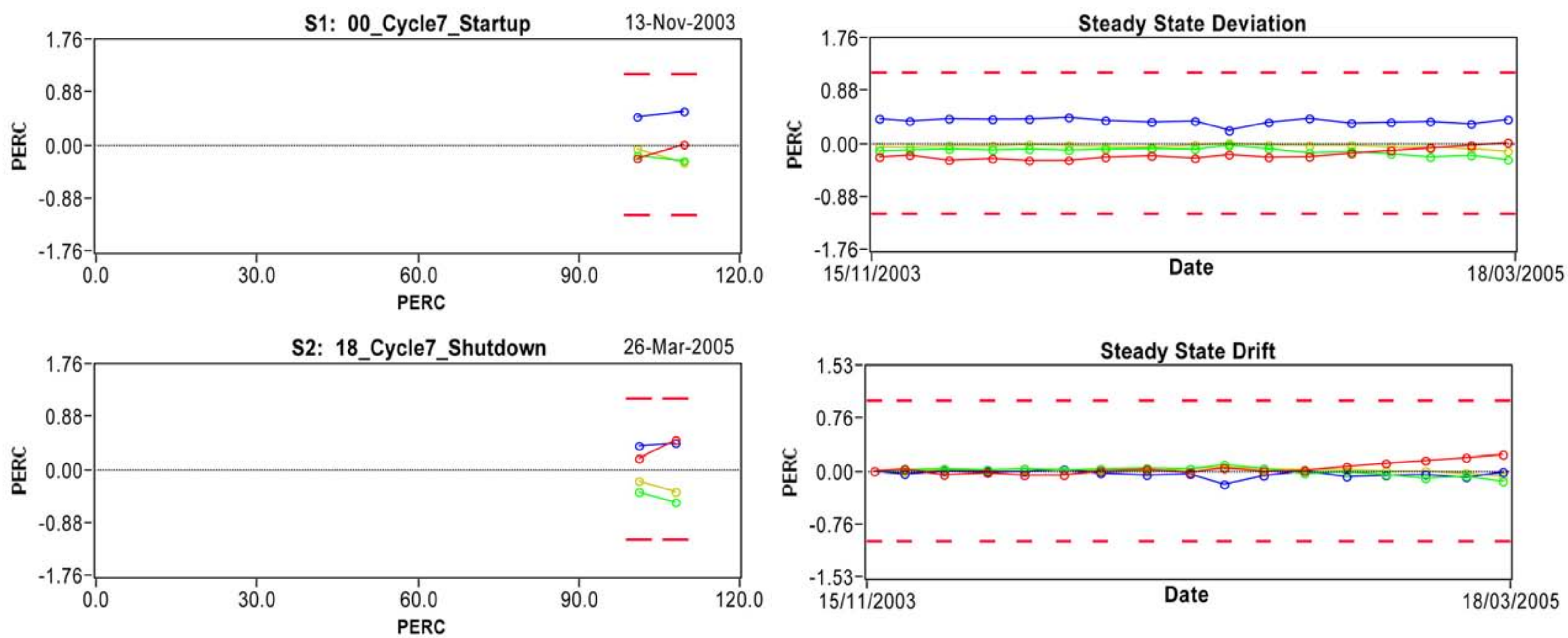


Figure C-24
RCS Flow Loop 4 Summary Plot: Cycle 7

Cycle Summary

Group: RCS PRESSURE WR SPS **Summary File:** Cycle7Summary **Test Engineer:** AMS

Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final
1BB-P-0411-W	SPS																					
1BB-P-0421-W	SPS																					
1BB-P-0431-W	SPS																					
1BB-P-0441-W	SPS																					

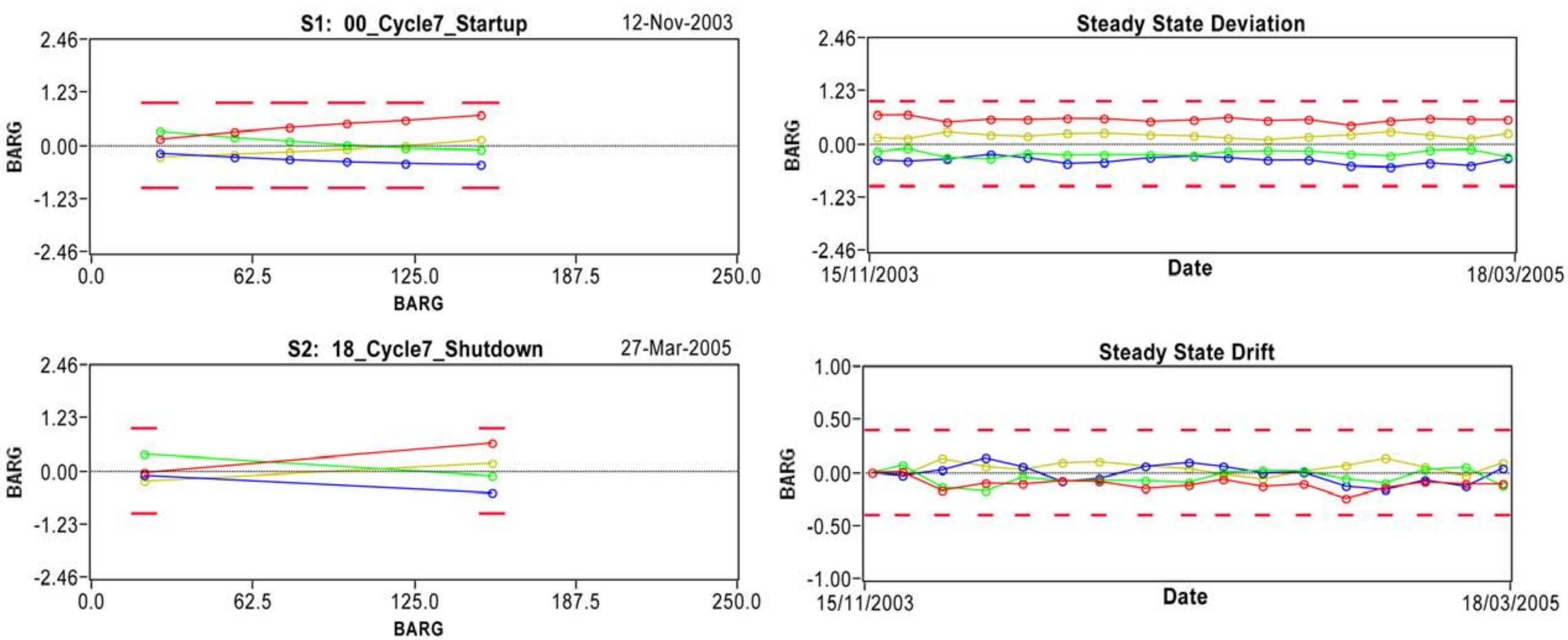


Figure C-25
RCS Pressure Wide-Range SPS Summary Plot: Cycle 7

Cycle Summary

Group: RCS PRESSURE NR SPS **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1BB-P-0412-W	SPS			X	X			X							X	X	X				X	X	
	1BB-P-0422-W	SPS				X			X							X	X	X					X	
	1BB-P-0432-W	SPS				X			X							X	X	X				X	X	
	1BB-P-0442-W	SPS				X		X	X		X	X	X	X		X	X	X		X		X	X	

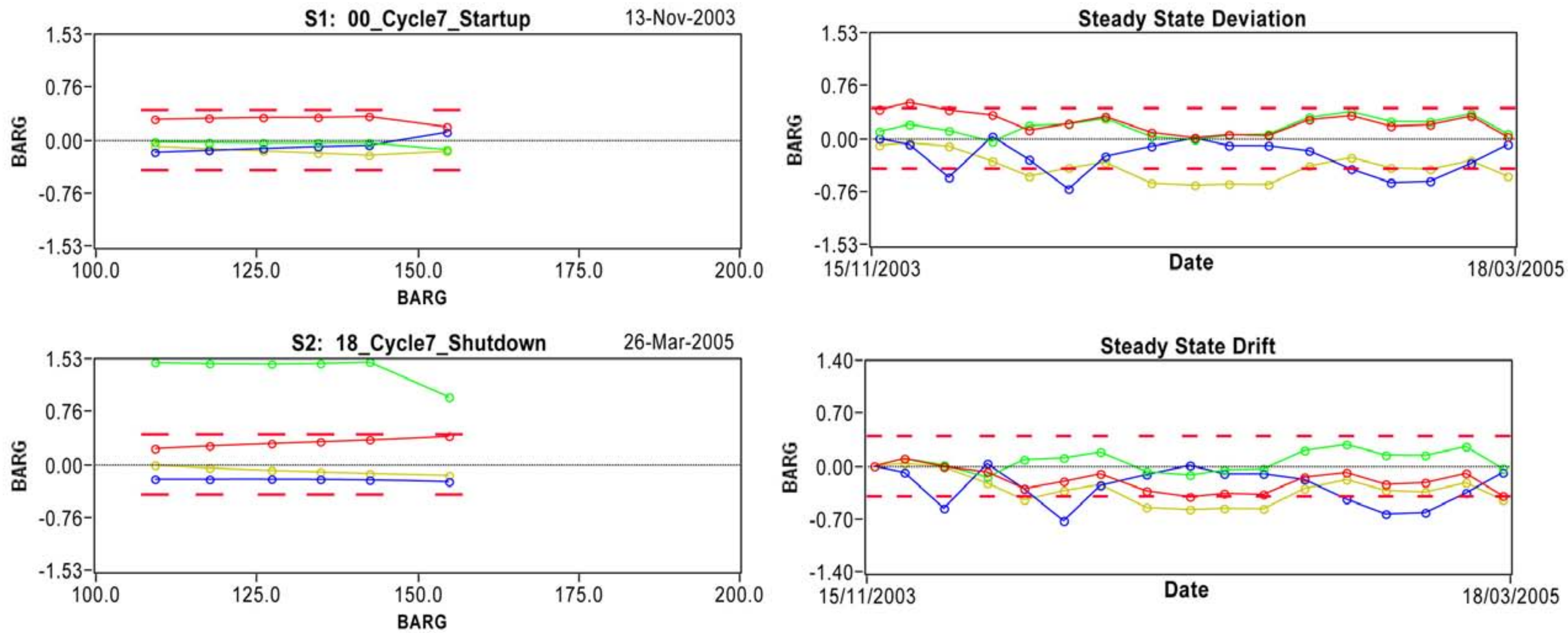
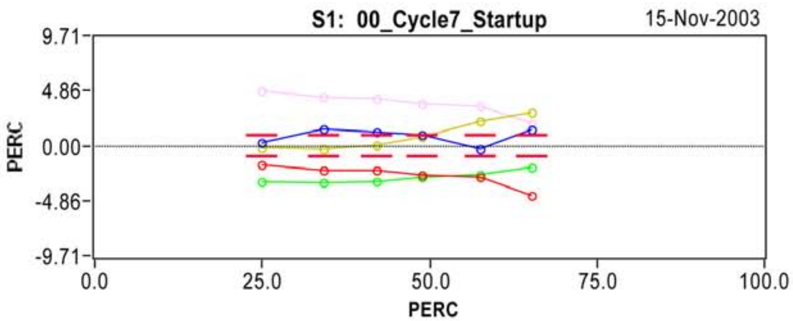


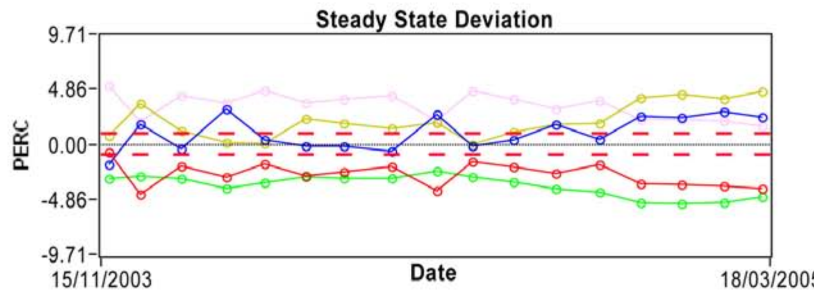
Figure C-26
RCS Pressure Narrow-Range SPS Summary Plot: Cycle 7

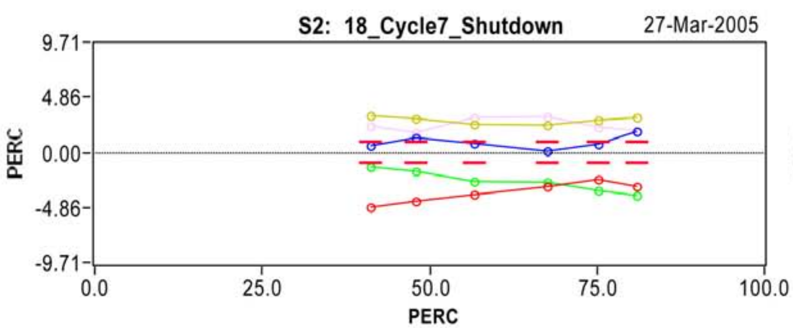
Cycle Summary

Group: CVCS VOLUME CONTROL TANK LEVEL **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1BG-L-0142-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	1BG-L-0143-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	1BG-L-0144-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	1BG-L-0145-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	1BG-L-0149A-W	PFM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	







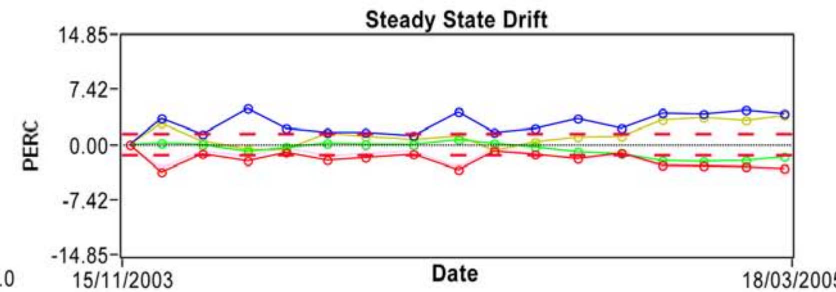


Figure C-27
CVCS Volume Control Tank Level Summary Plot: Cycle 7

Cycle Summary

Group: RWST LEVEL A **Summary File:** Cycle7Summary **Test Engineer:** AMS

Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final
1BN-L-0930-W	PPS																					
1BN-L-0931-W	PPS																X	X	X	X	X	X
1BN-L-0932-W	PPS	X																				X
1BN-L-0933-W	PPS																					

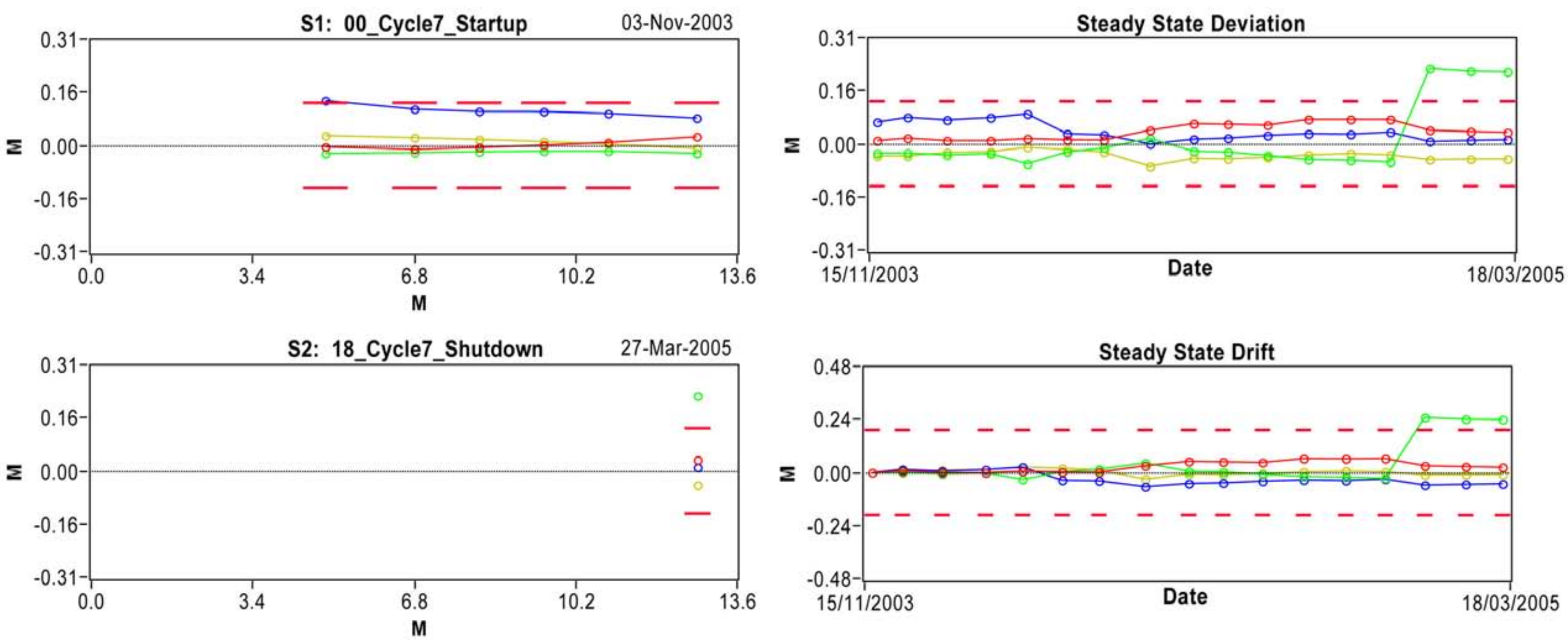


Figure C-28
RWST Level A Summary Plot: Cycle 7

Cycle Summary

Group: RWST LEVEL B **Summary File:** Cycle7Summary **Test Engineer:** AMS

Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final
1BN-L-0940-W	PPS																					
1BN-L-0941-W	PPS																					
1BN-L-0942-W	PPS							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
1BN-L-0943-W	PPS	X	X	X	X	X	X														X	X

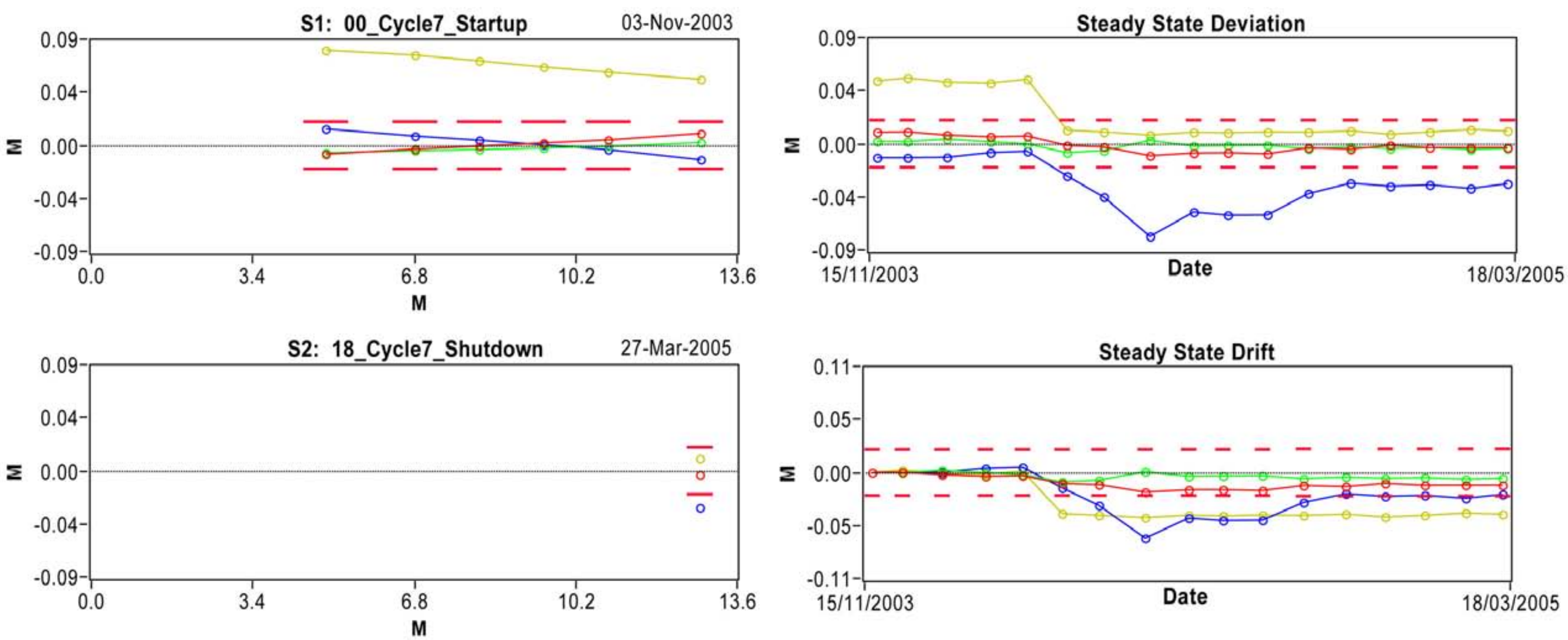


Figure C-29
RWST Level B Summary Plot: Cycle 7

Cycle Summary

Group: ESW TRAIN A FLOW **Summary File:** Cycle7Summary **Test Engineer:** AMS

Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final
1EF-F-0186A-W	PPS						X															X
1EF-F-0186B-W	PPS						X															X
1EF-F-0186C-W	PPS						X															X
1EF-F-0186D-W	PPS						X															X

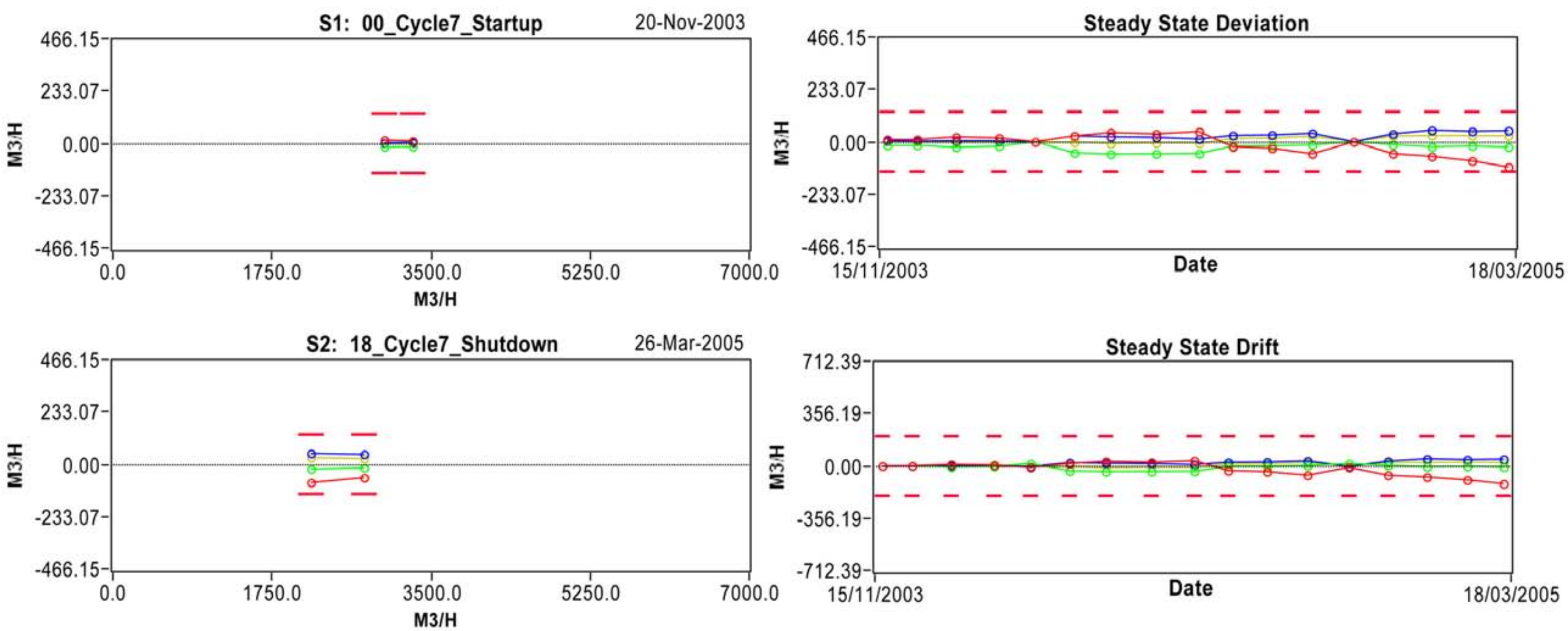
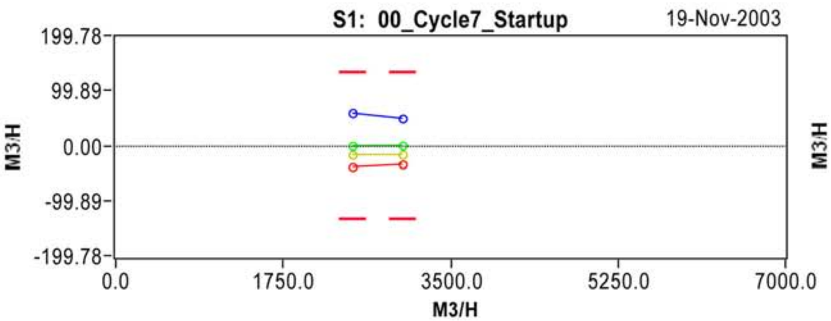


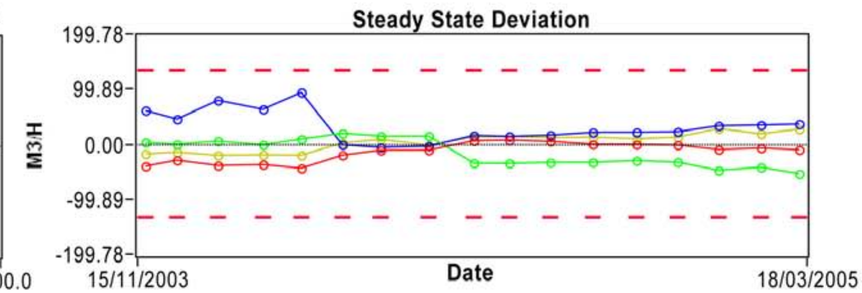
Figure C-30
ESW Train A Flow Summary Plot: Cycle 7

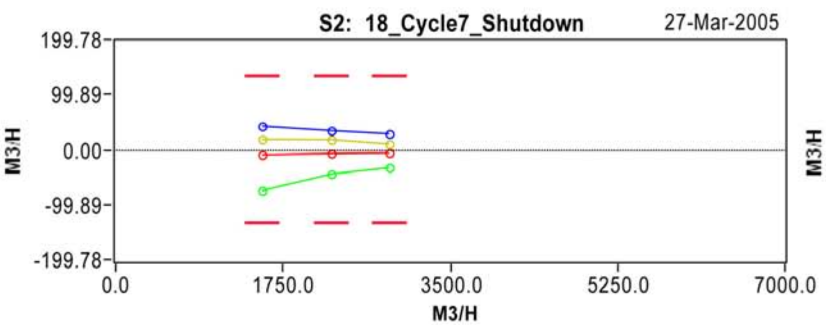
Cycle Summary

Group: ESW TRAIN B FLOW **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1EF-F-0187A-W	PPS																						
	1EF-F-0187B-W	PPS																						
	1EF-F-0187C-W	PPS																						
	1EF-F-0187D-W	PPS																						







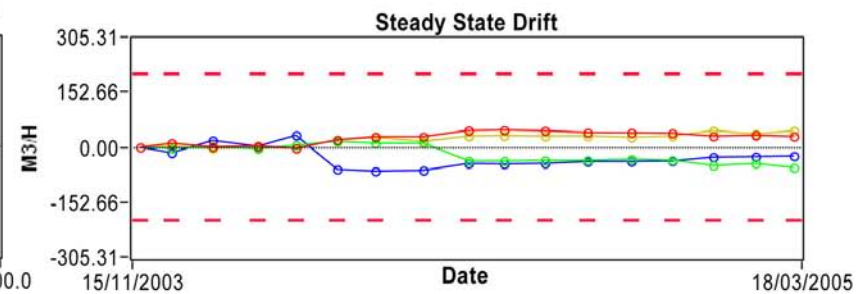


Figure C-31
ESW Train B Flow Summary Plot: Cycle 7

Cycle Summary

Group: SURGE TANK LEVEL IN CCWS TRAIN B **Summary File:** Cycle7Summary **Test Engineer:** AMS

Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final
1EG-L-0311-W	PPS																					
1EG-L-0312-W	PPS																		X	X		X
1EG-L-0313-W	PPS																					
1EG-L-0314-W	PPS	N/A	N/A	X	X	X																X

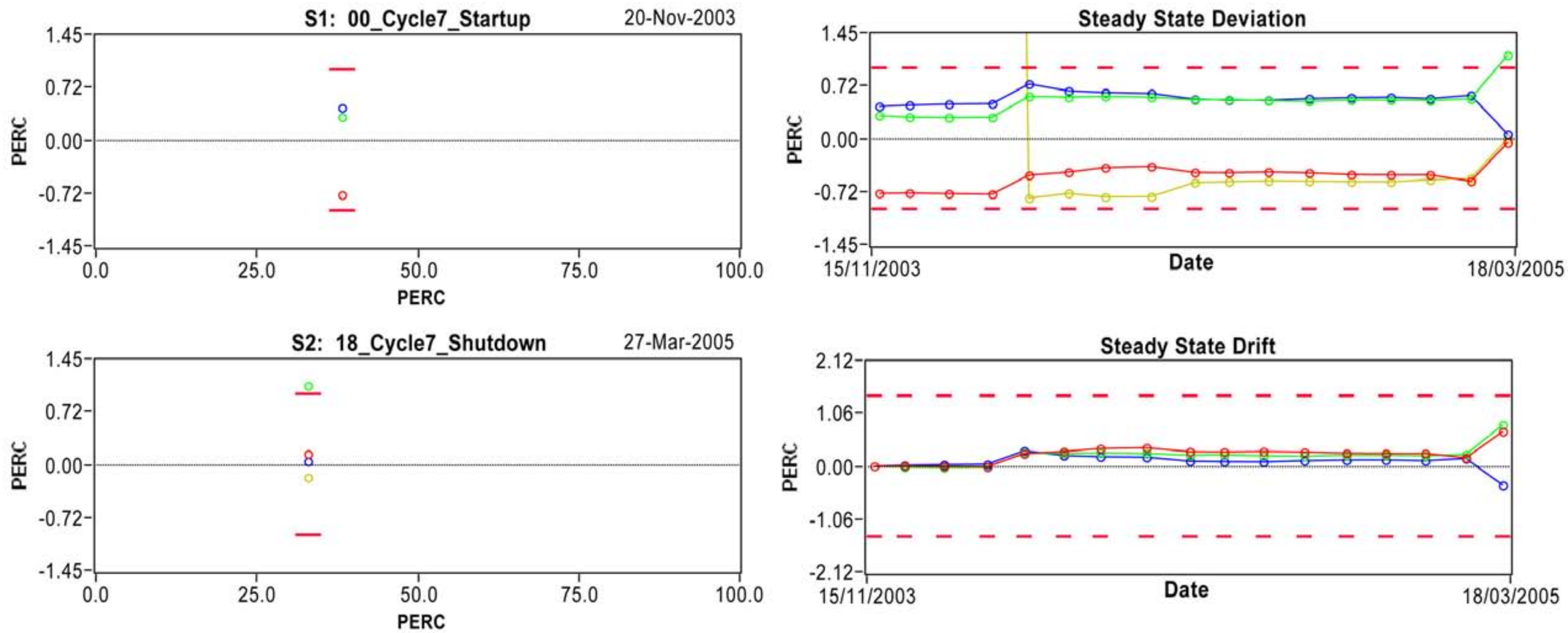


Figure C-32
Surge Tank Level in CCWS Train B Summary Plot: Cycle 7

Cycle Summary

Group: SURGE TANK LEVEL IN CCWS TRAIN A **Summary File:** Cycle7Summary **Test Engineer:** AMS

Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final
1EG-L-0321-W	PPS																					
1EG-L-0322-W	PPS																					
1EG-L-0323-W	PPS																					
1EG-L-0324-W	PPS																					

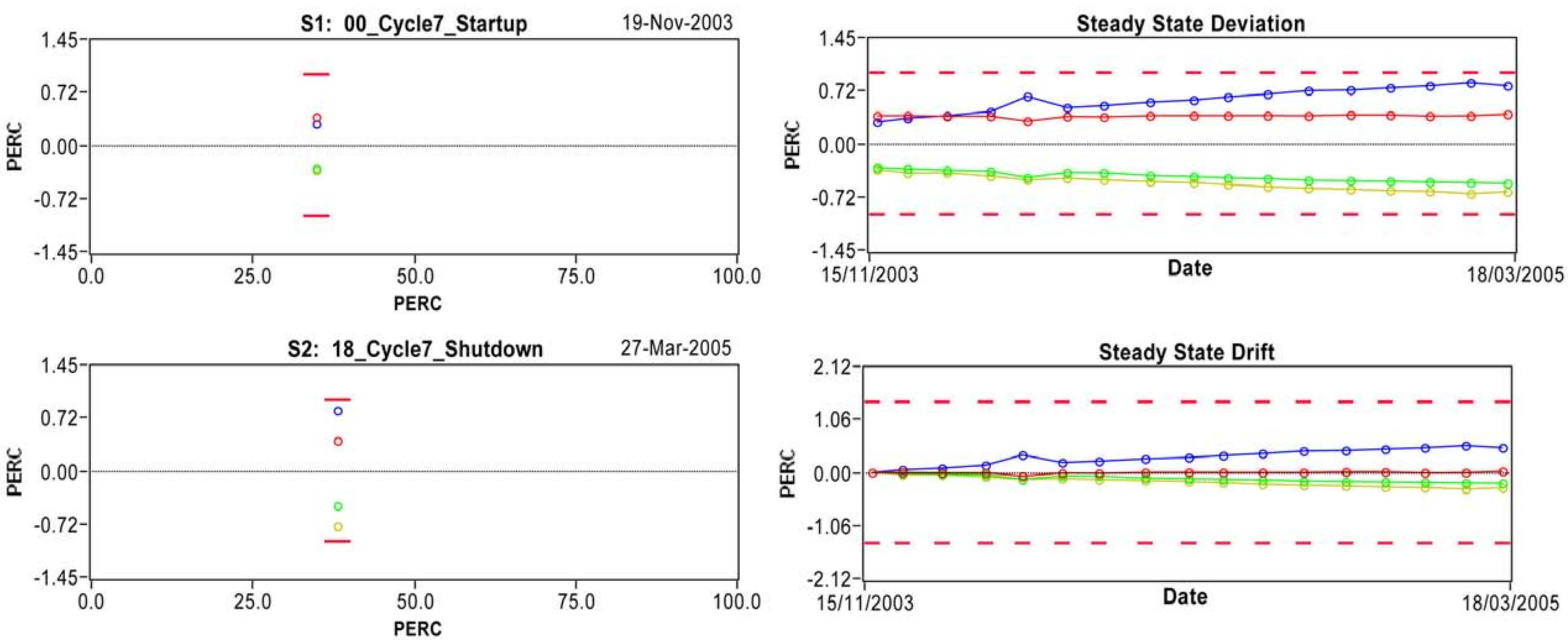
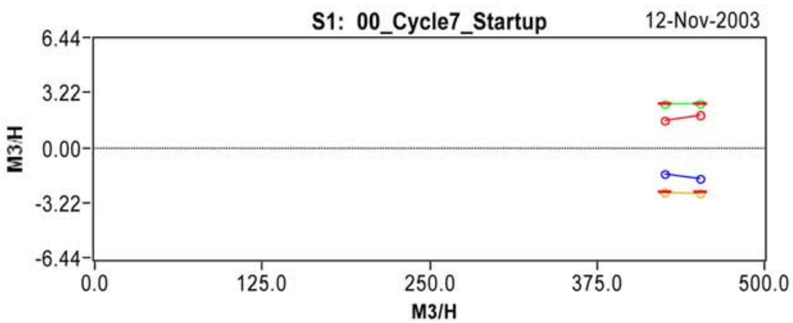


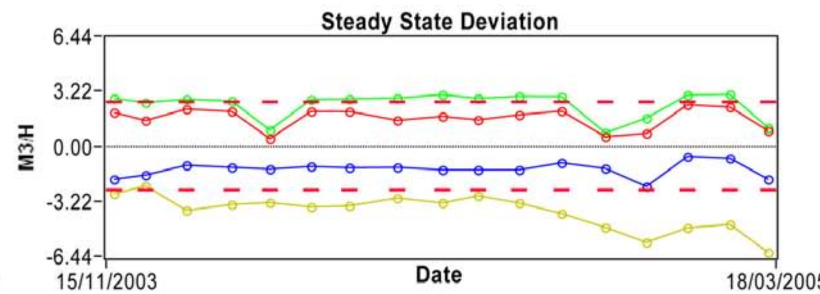
Figure C-33
Surge Tank Level in CCWS Train A Summary Plot: Cycle 7

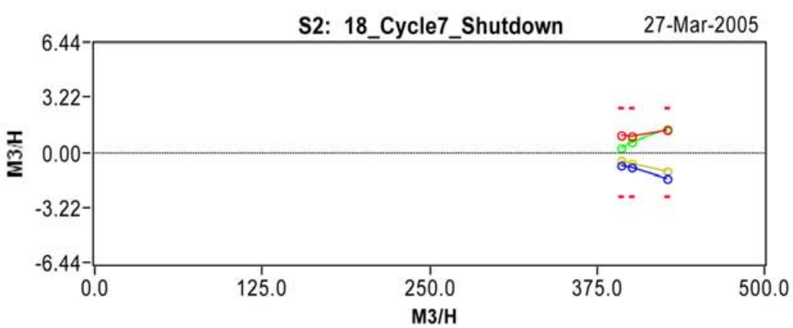
Cycle Summary

Group: CCWS FLOW TO TRAIN A LT LOADS **Summary File:** Cycle7Summary **Test Engineer:** AMS

Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final
1EG-F-0247A-W	PPS	X	X		X	X		X	X	X	X	X	X	X		X	X	X	X			X
1EG-F-0247B-W	PPS	X	X		X	X		X	X	X	X	X	X	X		X	X	X	X			X
1EG-F-0247C-W	PPS	X	X		X	X		X	X	X	X	X	X	X		X	X	X	X			X
1EG-F-0247D-W	PPS	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X







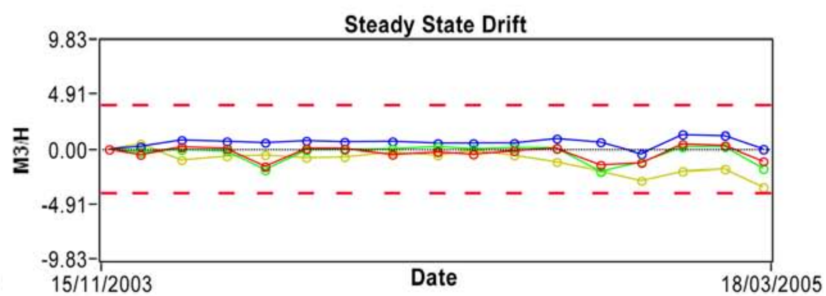
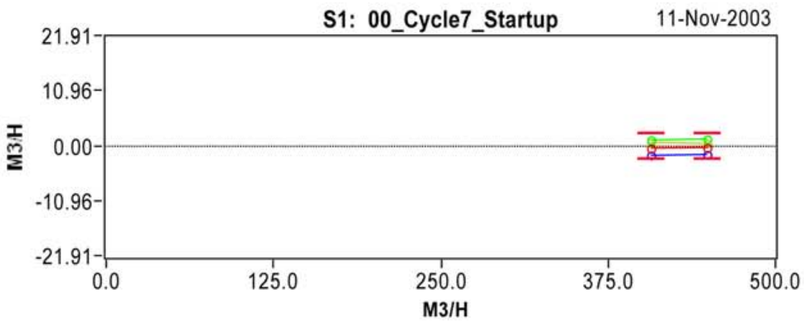


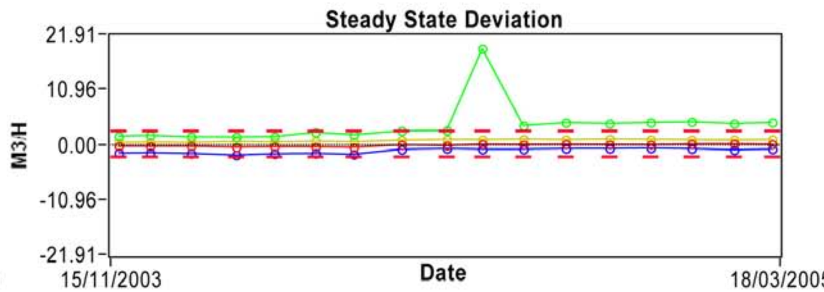
Figure C-34
CCWS Flow to Train A Low-Temperature Loads Summary Plot: Cycle 7

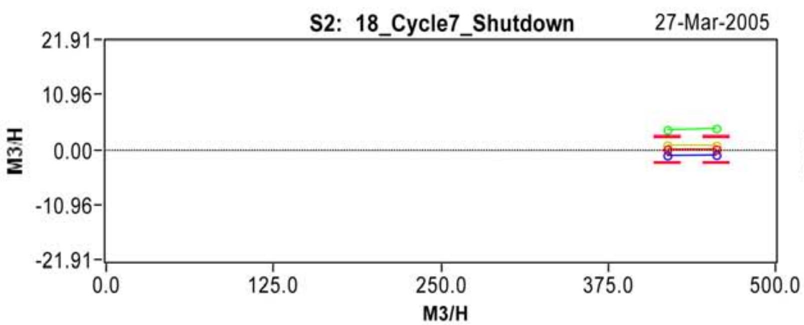
Cycle Summary

Group: CCWS FLOW TO TRAIN B LT LOADS **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1EG-F-0248A-W	PPS																						
	1EG-F-0248B-W	PPS									X	X	X	X	X	X	X	X	X	X	X	X	X	
	1EG-F-0248C-W	PPS																						
	1EG-F-0248D-W	PPS																						







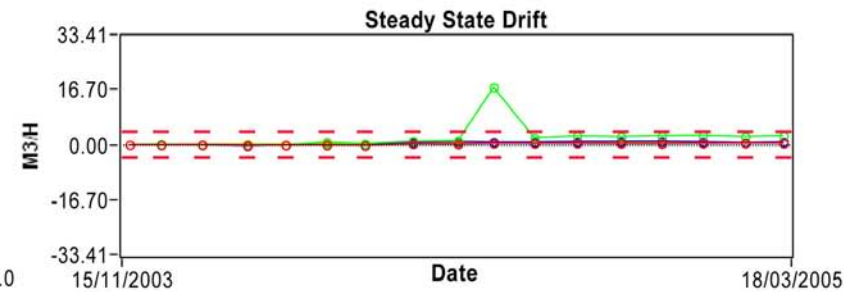


Figure C-35
CCWS Flow to Train B Low-Temperature Loads Summary Plot: Cycle 7

Cycle Summary

Group: CCW FLOW IN RCP THERMAL BARRIER RETURN **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1EG-F-0250A-W	PPS																						
	1EG-F-0250B-W	PPS																						
	1EG-F-0250C-W	PPS																						
	1EG-F-0250D-W	PPS																						

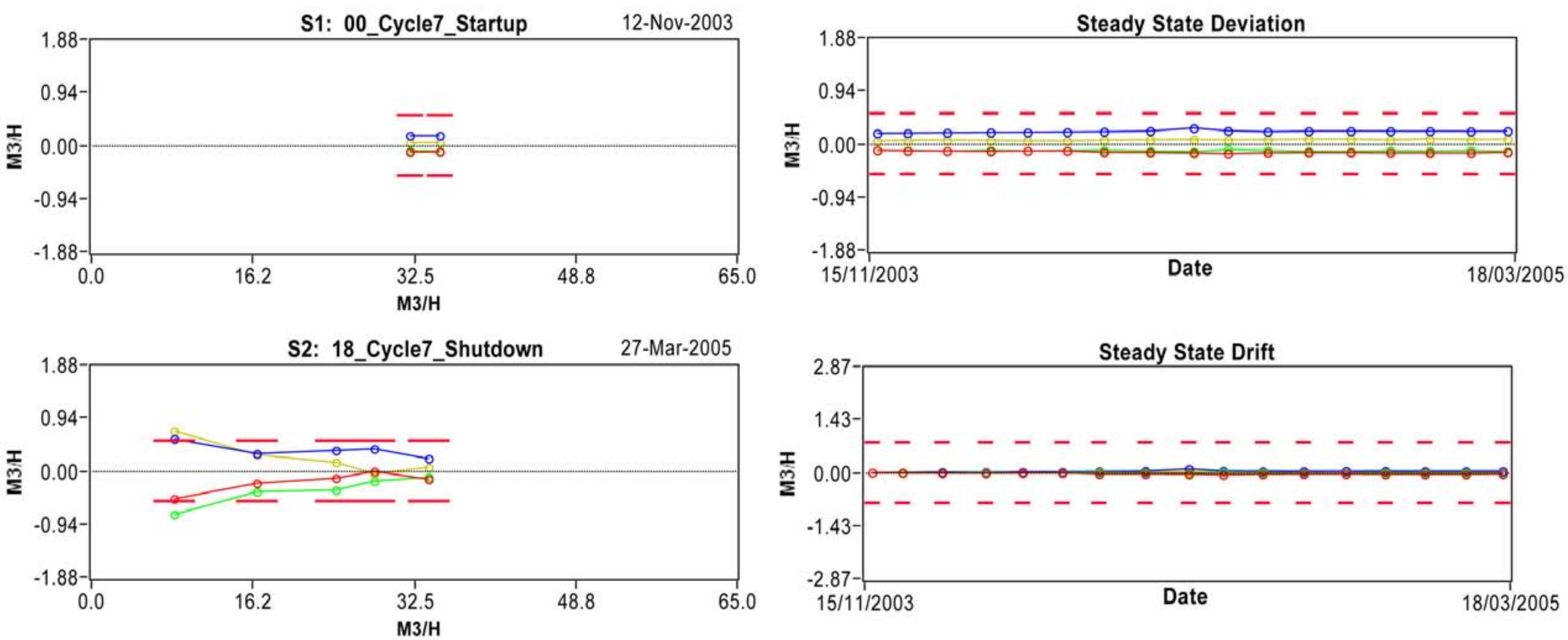


Figure C-36
CCW Flow in RCP Thermal Barrier Return Summary Plot: Cycle 7

Cycle Summary

Group: REACTOR BUILDING PRESSURE **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1GN-P-0937-W	PPS																						
	1GN-P-0936-W	PPS																						
	1GN-P-0935-W	PPS																						
	1GN-P-0934-W	PPS																						
	1GN-P-0940-W	PPS									X	X	X	X	X							X	X	
	1GN-P-0941-W	PPS	X																	X			X	
	1GN-P-0942-W	PPS																						
	1GN-P-0943-W	PPS																						

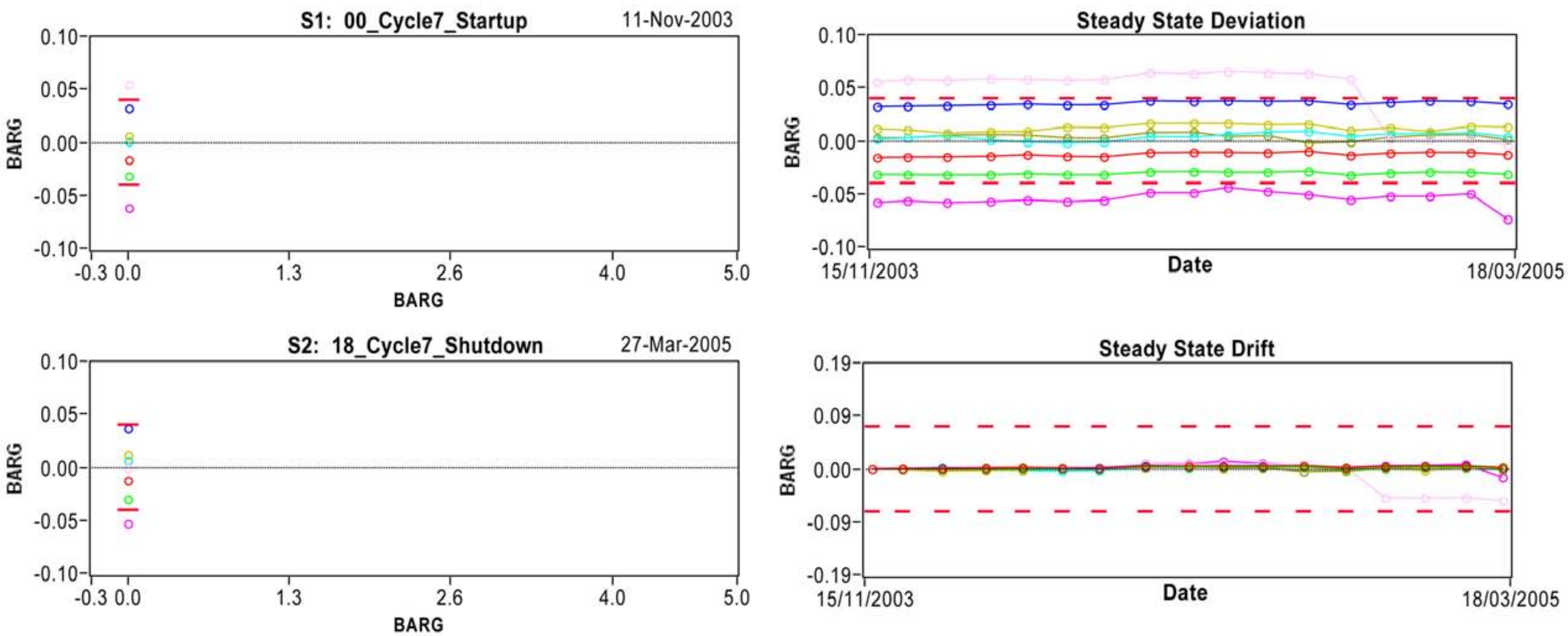


Figure C-37
Reactor Building Pressure Summary Plot: Cycle 7

Cycle Summary

Group: MAIN STEAMLINE 1 FLOW **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1AB-F-0170-W	PPS	X																				X	
	1AB-F-0171-W	PPS																						
	1AB-F-0172-W	PPS																						

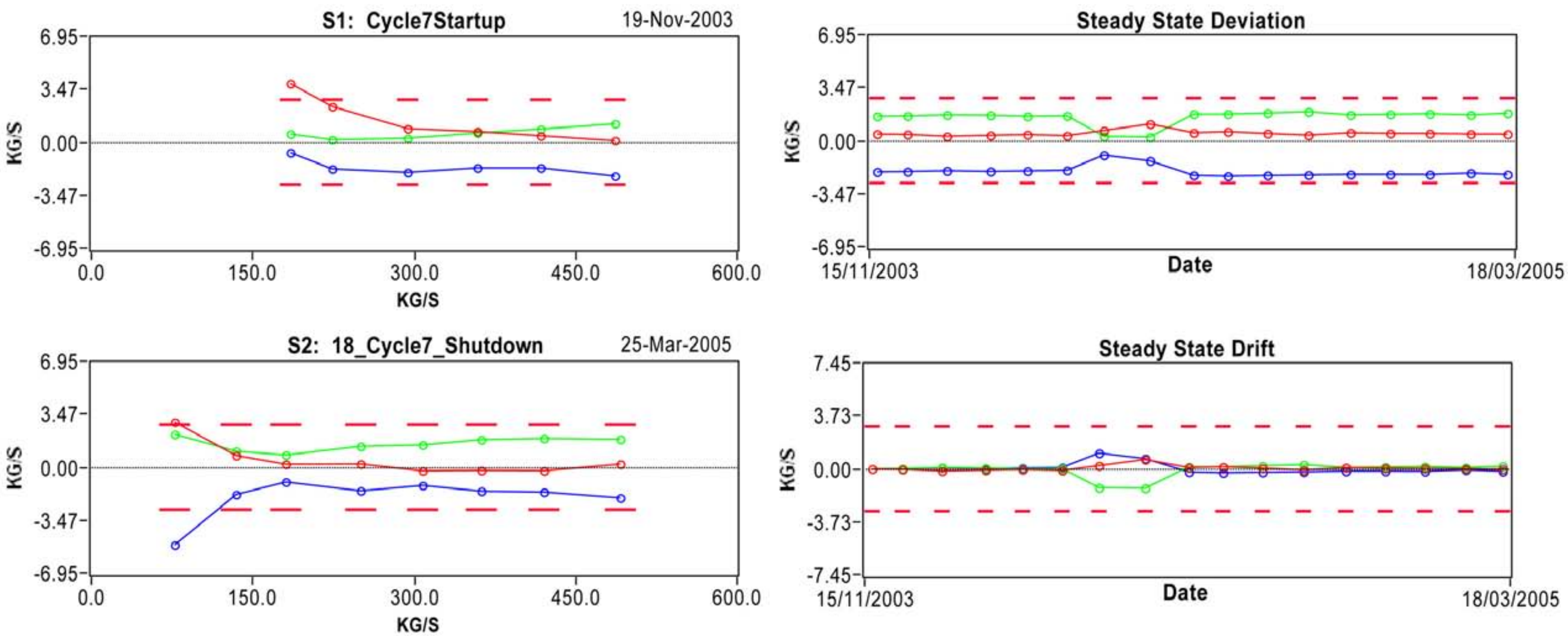


Figure C-38
Main Steamline 1 Flow Summary Plot: Cycle 7

Cycle Summary

Group: MAIN STEAMLINE 2 FLOW **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1AB-F-0270-W	PPS													X	X	X	X	X	X			X	
	1AB-F-0271-W	PPS													X	X	X	X	X	X			X	
	1AB-F-0272-W	PPS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	

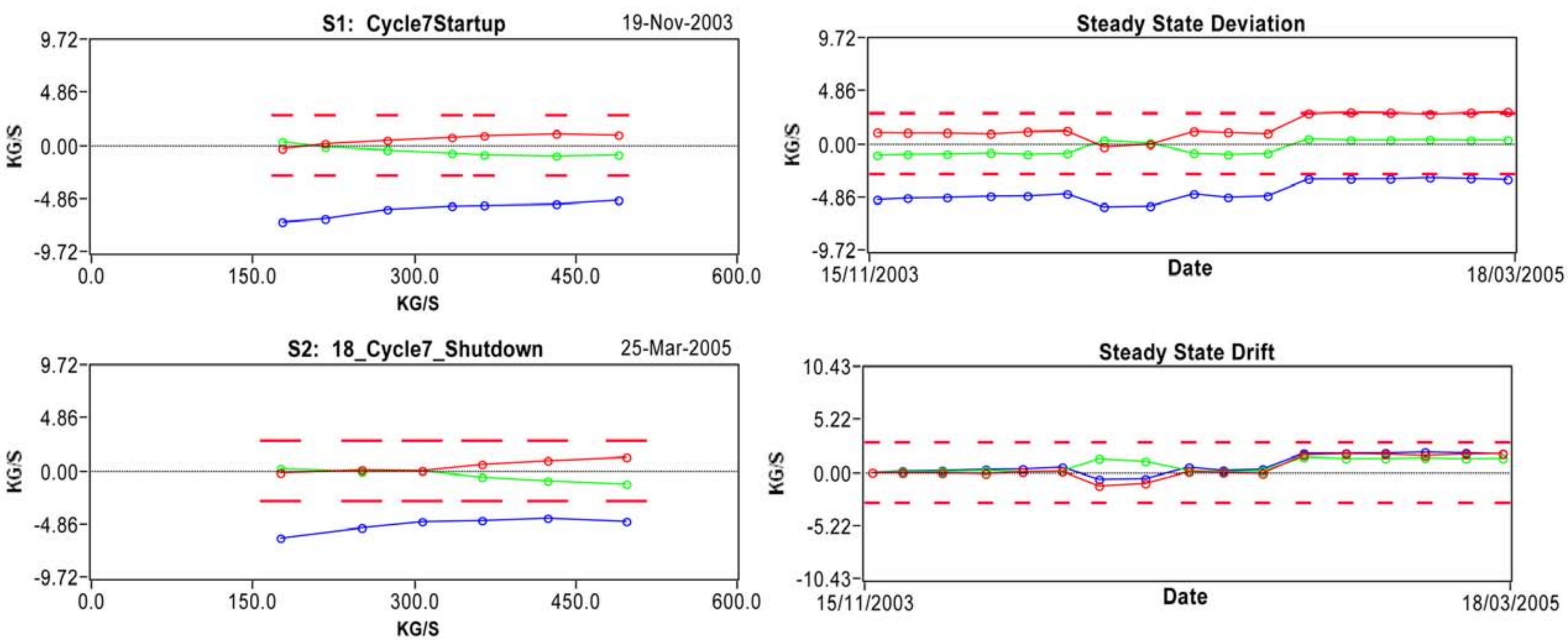


Figure C-39
Main Steamline 2 Flow Summary Plot: Cycle 7

Cycle Summary

Group: MAIN STEAMLINE 3 FLOW **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1AB-F-0370-W	PPS																						
	1AB-F-0371-W	PPS																						
	1AB-F-0372-W	PPS																						

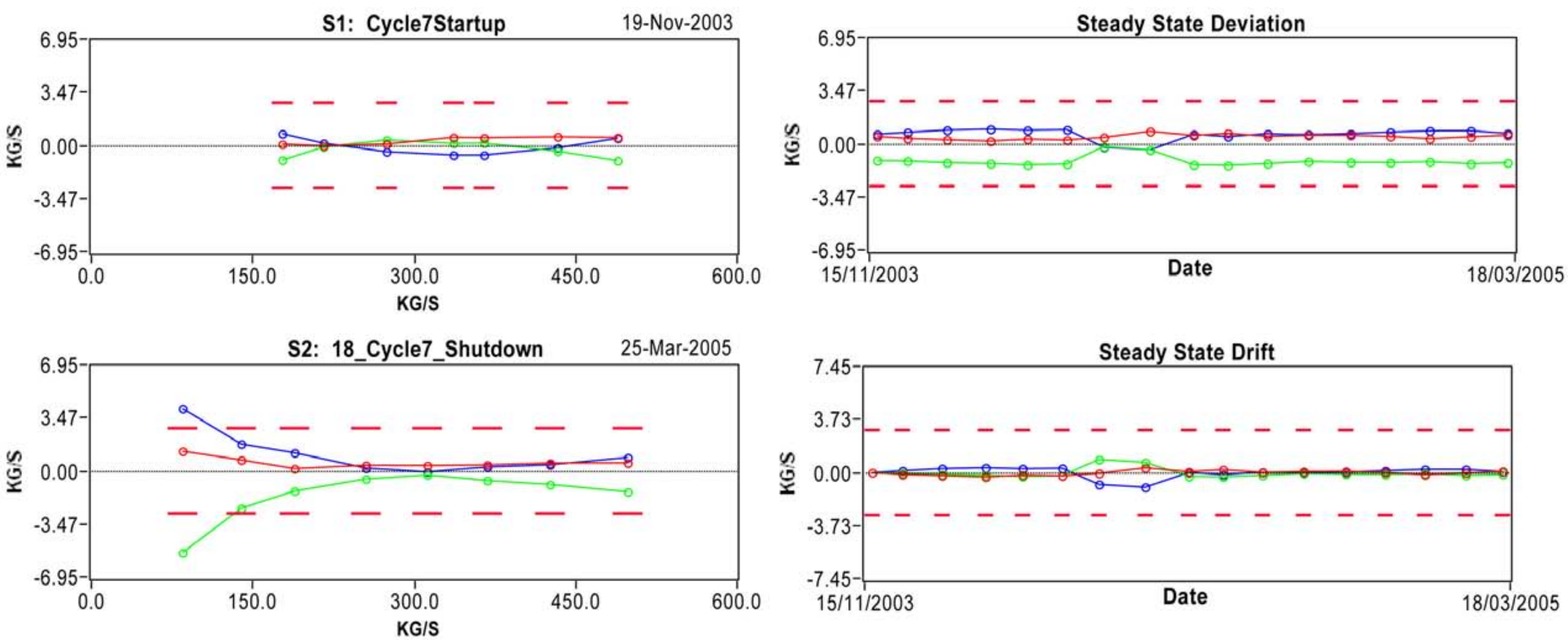
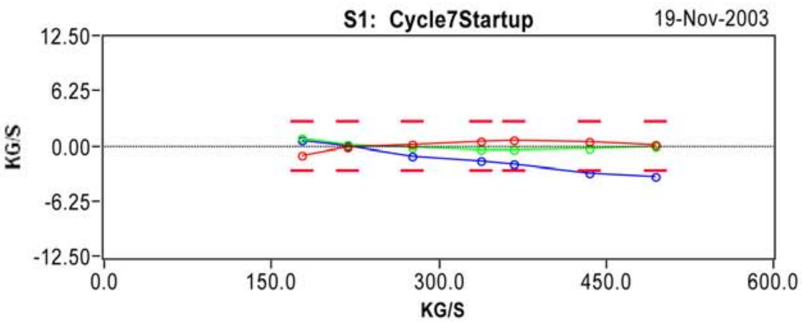


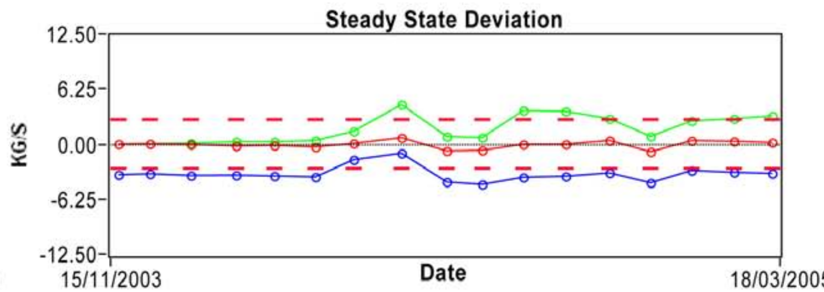
Figure C-40
Main Steamline 3 Flow Summary Plot: Cycle 7

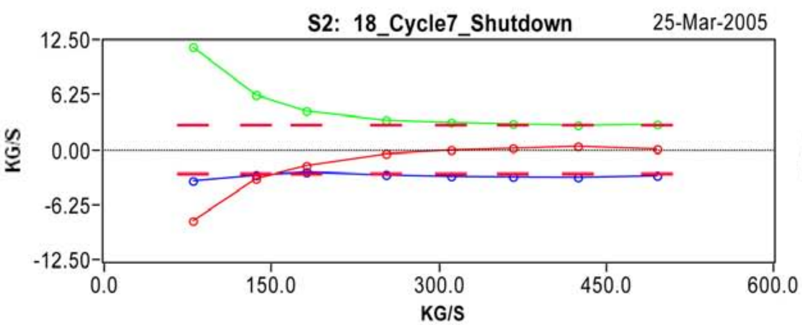
Cycle Summary

Group: MAIN STEAMLINE 4 FLOW **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1AB-F-0470-W	PPS												X	X	X	X	X	X	X	X		X	
	1AB-F-0471-W	PPS									X			X	X	X	X	X	X	X	X	X	X	
	1AB-F-0472-W	PPS	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X		X	







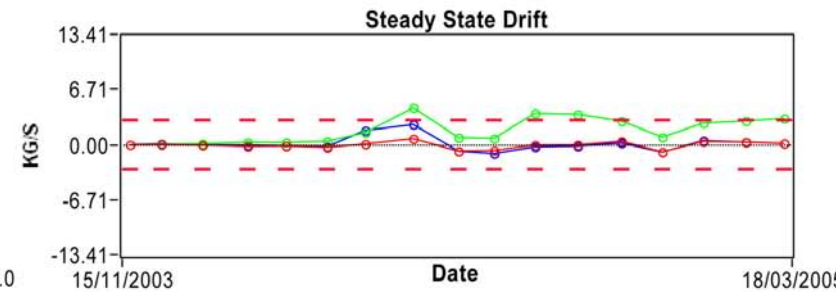
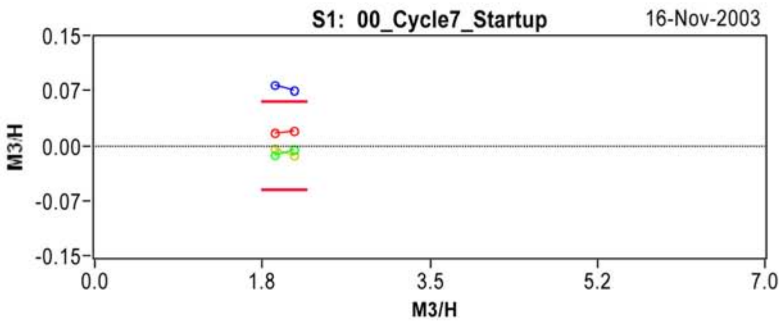


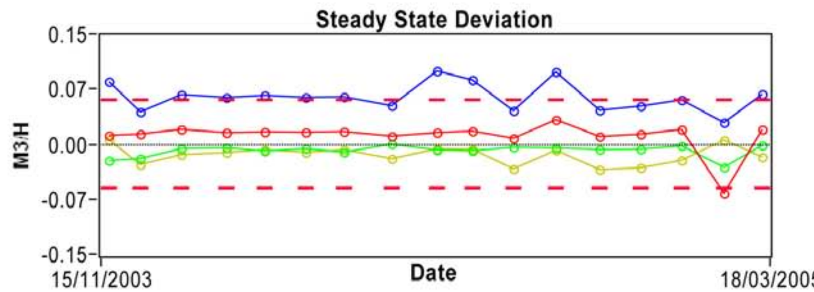
Figure C-41
Main Steamline 4 Flow Summary Plot: Cycle 7

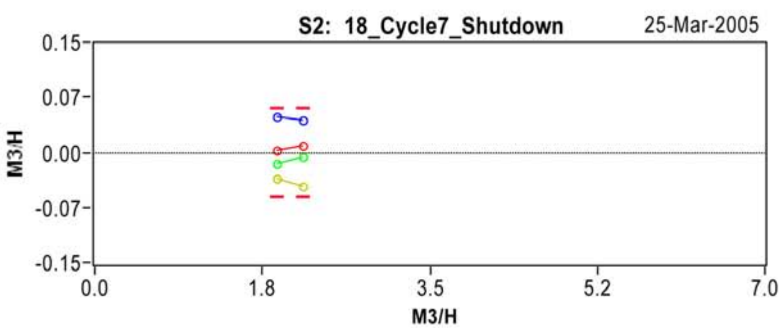
Cycle Summary

Group: RCP SEAL INJECTION FLOW **Summary File:** Cycle7Summary **Test Engineer:** AMS

	Tag	Name	S1	20 Nov 2003	13 Dec 2003	12 Jan 2004	14 Feb 2004	13 Mar 2004	12 Apr 2004	10 May 2004	14 Jun 2004	17 Jul 2004	12 Aug 2004	11 Sep 2004	12 Oct 2004	13 Nov 2004	13 Dec 2004	12 Jan 2005	12 Feb 2005	12 Mar 2005	S2	Drift	Final	
	1BB-F-0601-W	SPS																	X			X	X	
	1BB-F-0602-W	SPS																						
	1BB-F-0603-W	SPS	X	X		X	X	X	X	X		X	X		X			X		X		X	X	
	1BB-F-0604-W	SPS																				X	X	







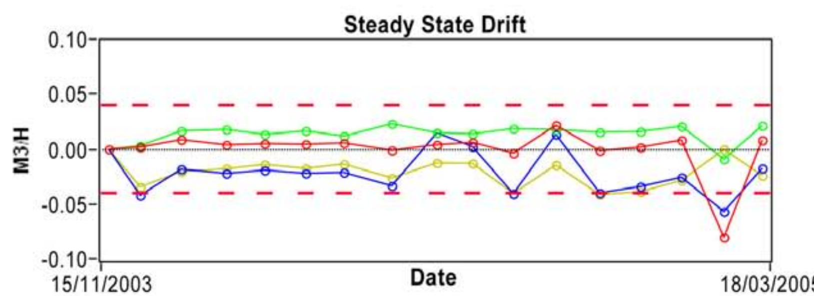


Figure C-42
RCP Seal Injection Flow Summary Plot: Cycle 7

Cycle 7 Transient Cycle Drift Analysis

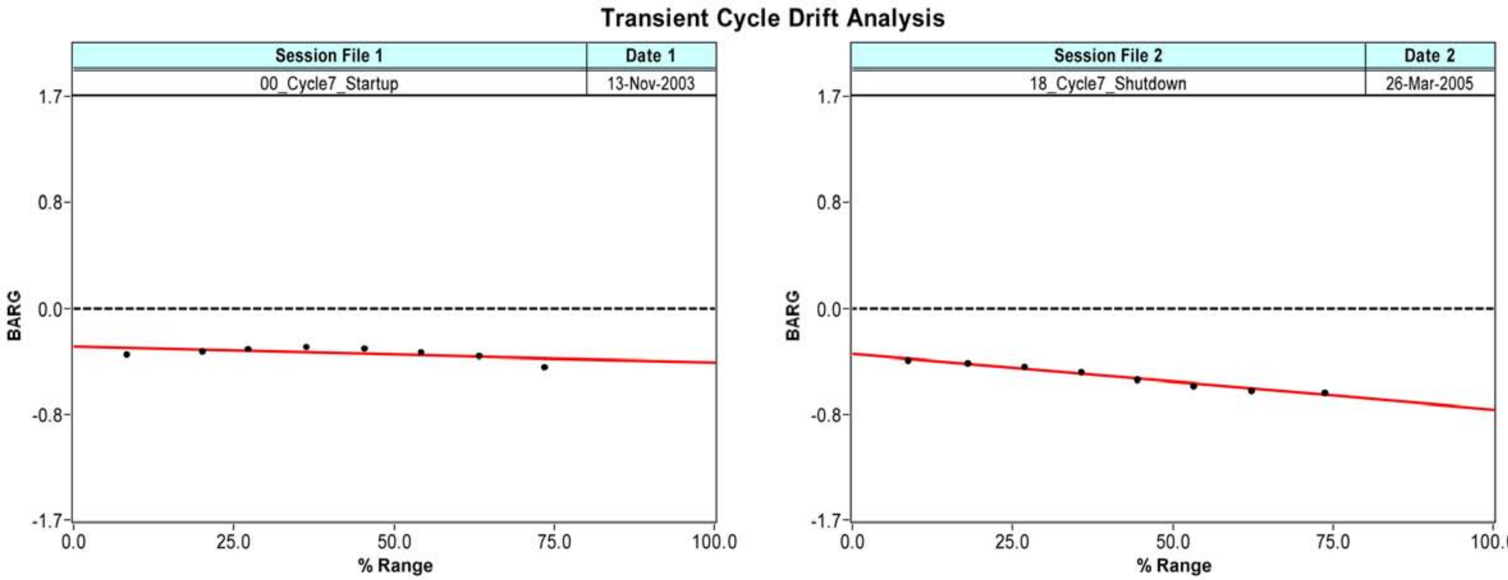
The transient cycle drift analysis results are provided Table C-3. A summary plot is provided for each listed service in Figures C-43 through C-86 as indicated in Table C-3.

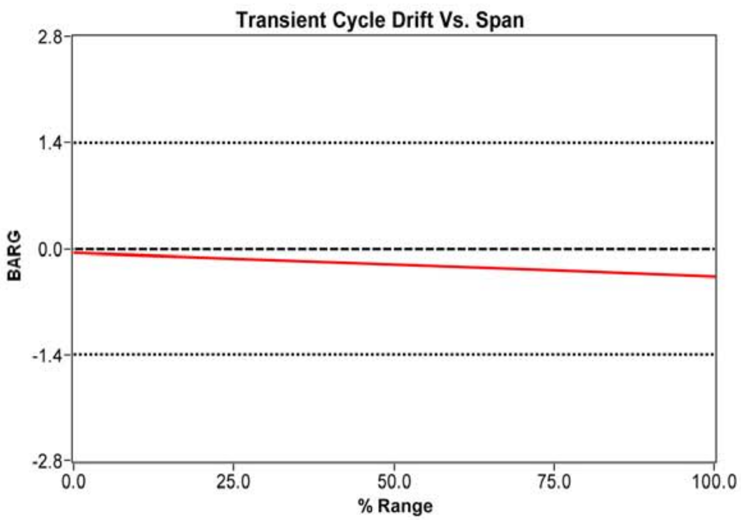
Table C-3
Cycle 7 Transient Cycle Drift Analysis Summary

Item #	Service	Tag	Zero Drift	Span Drift	Result	Figure Number
1	Main Steam Pressure Loop 1	1AB-P-0513-W	-0.06	-0.38	Good	C-43
2	Main Steam Pressure Loop 1	1AB-P-0514-W	3.34	-2.27	Bad	C-44
3	Main Steam Pressure Loop 1	1AB-P-0515-W	-0.14	-0.30	Good	C-45
4	Main Steam Pressure Loop 1	1AB-P-0516-W	-0.19	-0.26	Good	C-46
5	Main Steam Pressure Loop 1	1AB-P-0177-W	0.91	0.86	Good	C-47
6	Main Steam Pressure Loop 1	1AB-P-0174-W	N/A	N/A	N/A	C-48
7	Main Steam Pressure Loop 1	1AB-P-0175-W	0.17	0.26	Bad	C-49
8	Main Steam Pressure Loop 1	1AB-P-0137-W	0.11	0.16	Good	C-50
9	Main Steam Pressure Loop 1	1AB-P-0138-W	0.02	-0.12	Good	C-51
10	Main Steam Pressure Loop 2	1AB-P-0523-W	0.11	-0.19	Good	C-52
11	Main Steam Pressure Loop 2	1AB-P-0524-W	-0.26	-0.19	Good	C-53
12	Main Steam Pressure Loop 2	1AB-P-0525-W	0.12	-0.37	Good	C-54
13	Main Steam Pressure Loop 2	1AB-P-0526-W	-0.30	0.27	Good	C-55
14	Main Steam Pressure Loop 2	1AB-P-0277-W	0.52	-0.21	Good	C-56
15	Main Steam Pressure Loop 2	1AB-P-0275-W	0.09	0.12	Good	C-57
16	Main Steam Pressure Loop 2	1AB-P-0274-W	0.07	0.32	Bad	C-58
17	Main Steam Pressure Loop 2	1AB-P-0237-W	0.13	0.08	Good	C-59
18	Main Steam Pressure Loop 2	1AB-P-0238-W	0.17	-0.10	Good	C-60
19	Main Steam Pressure Loop 3	1AB-P-0533-W	0.02	-0.05	Good	C-61
20	Main Steam Pressure Loop 3	1AB-P-0534-W	-0.55	0.37	Good	C-62
21	Main Steam Pressure Loop 3	1AB-P-0535-W	-0.23	-0.45	Good	C-63
22	Main Steam Pressure Loop 3	1AB-P-0536-W	-0.25	0.36	Good	C-64
23	Main Steam Pressure Loop 3	1AB-P-0377-W	0.49	-0.57	Good	C-65
24	Main Steam Pressure Loop 3	1AB-P-0337-W	0.17	0.06	Good	C-66
25	Main Steam Pressure Loop 3	1AB-P-0338-W	0.15	0.20	Good	C-67

Table C-3 (continued)
Cycle 7 Transient Cycle Drift Analysis Summary

Item #	Service	Tag	Zero Drift	Span Drift	Result	Figure Number
26	Main Steam Pressure Loop 3	1AB-P-0375-W	0.12	0.21	Bad	C-68
27	Main Steam Pressure Loop 3	1AB-P-0374-W	0.15	-0.09	Good	C-69
28	Main Steam Pressure Loop 4	1AB-P-0543-W	0.34	0.92	Good	C-70
29	Main Steam Pressure Loop 4	1AB-P-0544-W	-0.33	-0.22	Good	C-71
30	Main Steam Pressure Loop 4	1AB-P-0545-W	-0.35	-0.41	Good	C-72
31	Main Steam Pressure Loop 4	1AB-P-0546-W	0.20	0.19	Good	C-73
32	Main Steam Pressure Loop 4	1AB-P-0477-W	-0.31	0.35	Good	C-74
33	Main Steam Pressure Loop 4	1AB-P-0437-W	0.13	0.27	Bad	C-75
34	Main Steam Pressure Loop 4	1AB-P-0438-W	0.24	0.23	Bad	C-76
35	Main Steam Pressure Loop 4	1AB-P-0474-W	0.14	0.13	Good	C-77
36	Main Steam Pressure Loop 4	1AB-P-0475-W	-0.02	0.11	Good	C-78
37	Pressurizer Pressure	1BB-P-0455-W	-0.03	0.03	Good	C-79
38	Pressurizer Pressure	1BB-P-0456-W	1.52	0.04	Bad	C-80
39	Pressurizer Pressure	1BB-P-0457-W	-0.11	-0.10	Good	C-81
40	Pressurizer Pressure	1BB-P-0458-W	0.03	0.02	Good	C-82
41	Pressurizer Level	1BB-L-0465-W	0.13	-0.40	Good	C-83
42	Pressurizer Level	1BB-L-0466-W	-0.08	0.26	Good	C-84
43	Pressurizer Level	1BB-L-0467-W	0.13	-0.39	Good	C-85
44	Pressurizer Level	1BB-L-0468-W	0.07	-0.07	Good	C-86





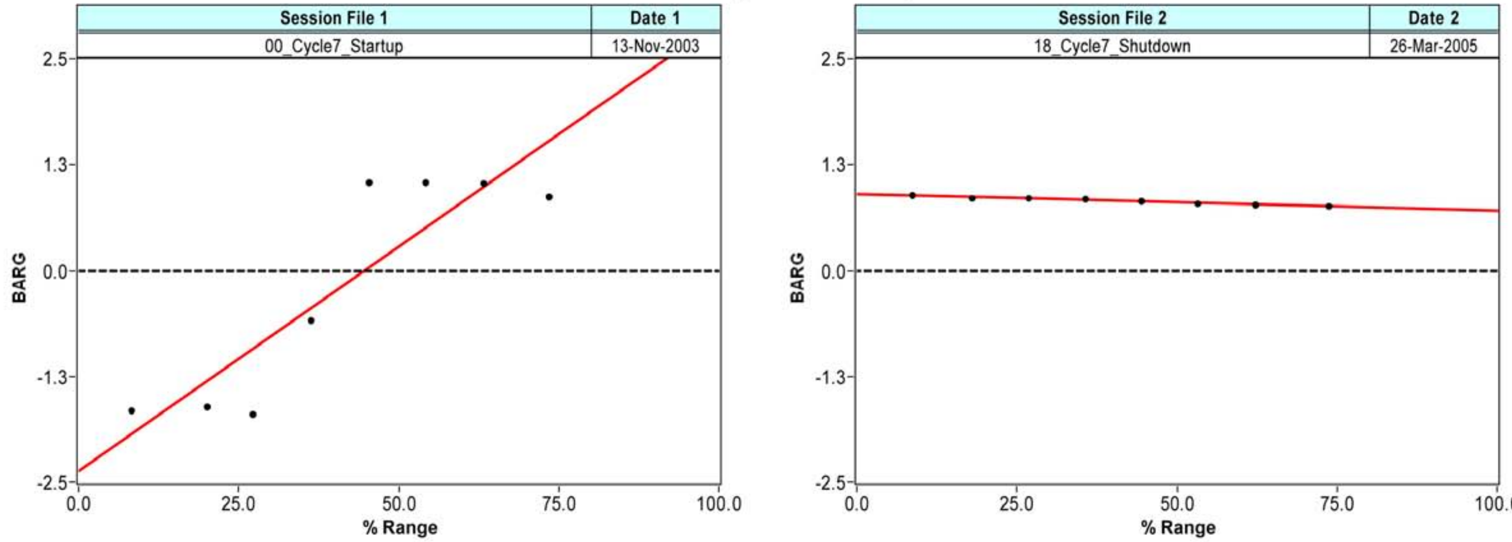
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 1				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0513-W	-0.06	-0.38	Good
	1AB-P-0514-W	3.34	-2.27	Bad
	1AB-P-0515-W	-0.14	-0.30	Good
	1AB-P-0516-W	-0.19	-0.26	Good
	1AB-P-0177-W	0.91	0.86	Good
	1AB-P-0174-W	998.96	899.17	Bad
	1AB-P-0175-W	0.17	0.26	Bad
	1AB-P-0137-W	0.11	0.16	Good
	1AB-P-0138-W	0.02	-0.12	Good

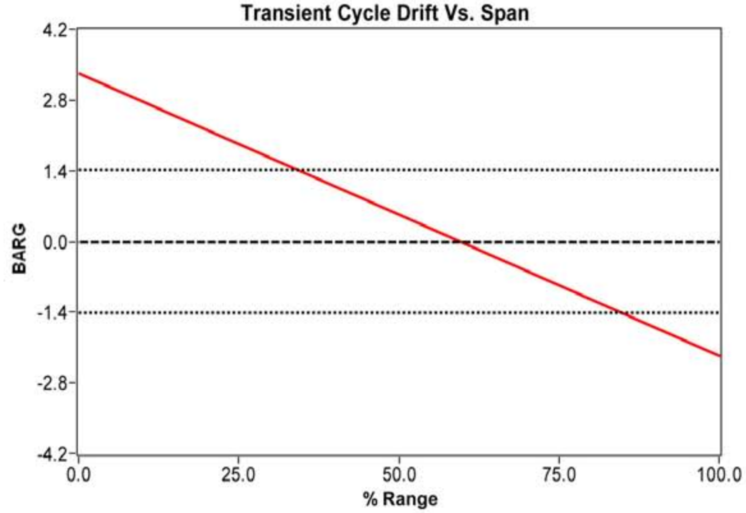
* = Recalibrated Between Date 1 and Date 2

Figure C-43
Main Steam Pressure Loop 1 (1AB-P-0513-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis



Transient Cycle Drift Vs. Span

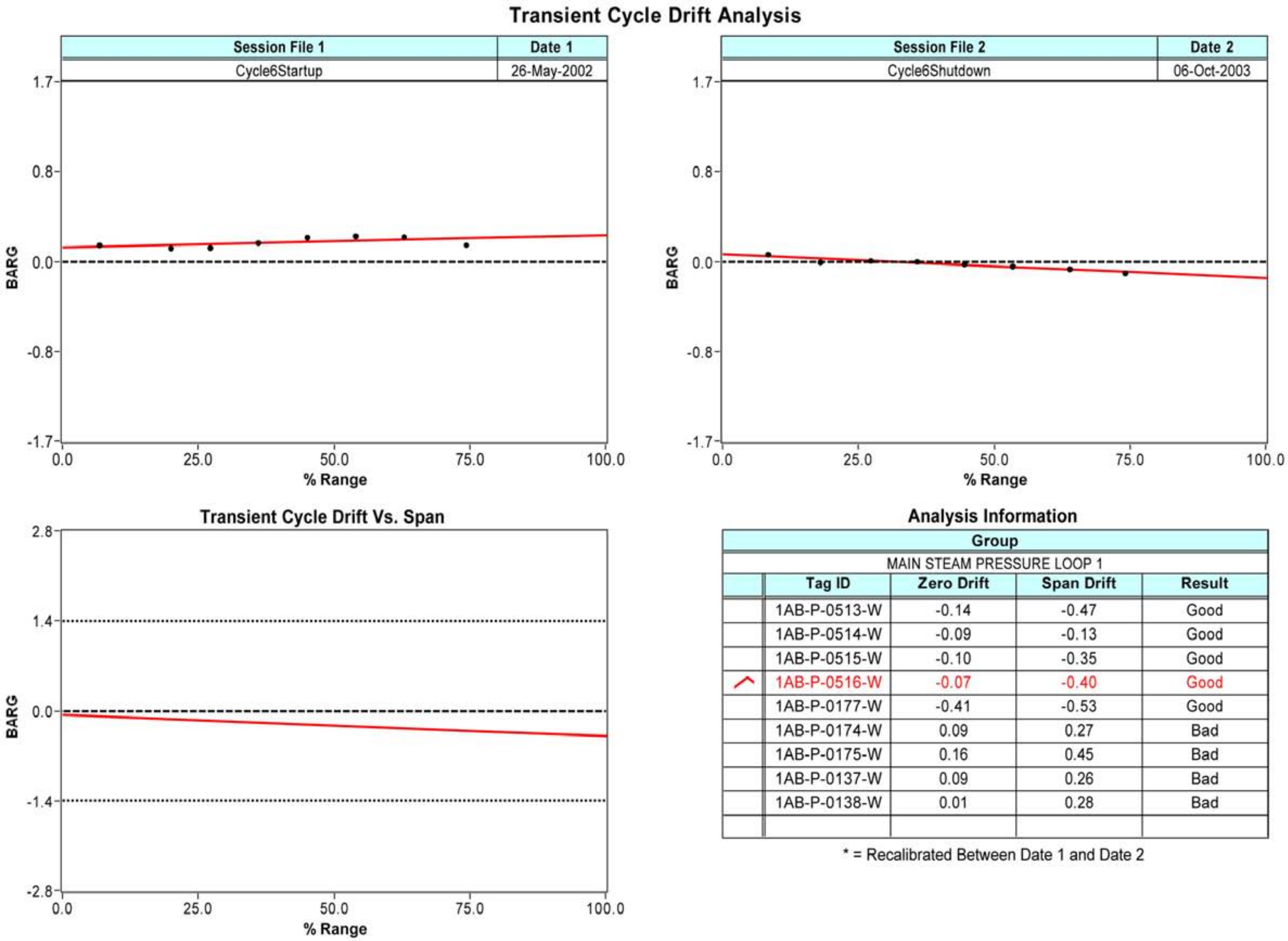


Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 1				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0513-W	-0.06	-0.38	Good
	1AB-P-0514-W	3.34	-2.27	Bad
	1AB-P-0515-W	-0.14	-0.30	Good
	1AB-P-0516-W	-0.19	-0.26	Good
	1AB-P-0177-W	0.91	0.86	Good
	1AB-P-0174-W	998.96	899.17	Bad
	1AB-P-0175-W	0.17	0.26	Bad
	1AB-P-0137-W	0.11	0.16	Good
	1AB-P-0138-W	0.02	-0.12	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-44
Main Steam Pressure Loop 1 (1AB-P-0514-W) Transient Drift Analysis: Cycle 7

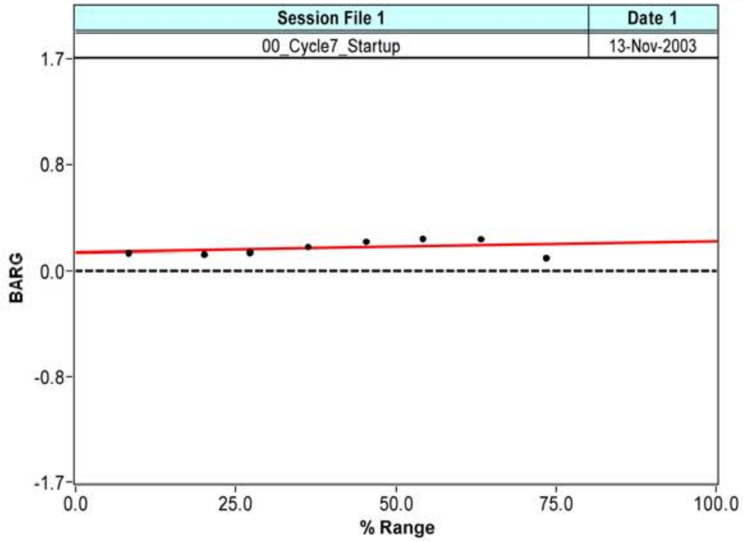


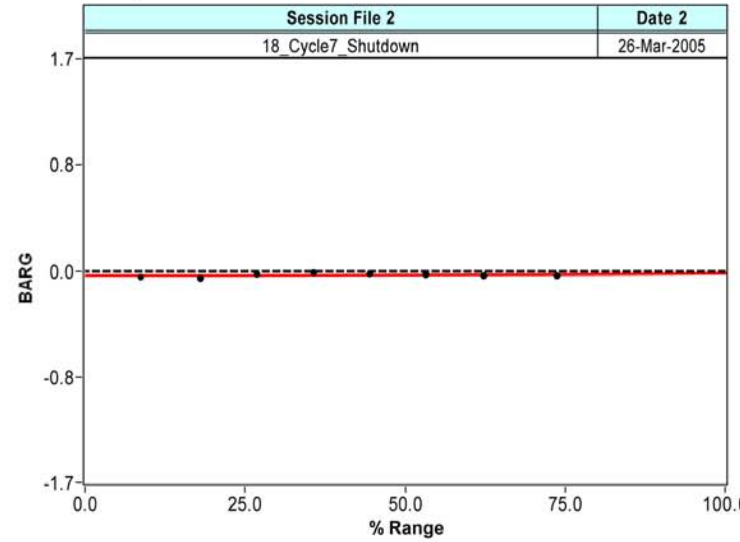
Group				
MAIN STEAM PRESSURE LOOP 1				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0513-W	-0.14	-0.47	Good
	1AB-P-0514-W	-0.09	-0.13	Good
	1AB-P-0515-W	-0.10	-0.35	Good
	1AB-P-0516-W	-0.07	-0.40	Good
	1AB-P-0177-W	-0.41	-0.53	Good
	1AB-P-0174-W	0.09	0.27	Bad
	1AB-P-0175-W	0.16	0.45	Bad
	1AB-P-0137-W	0.09	0.26	Bad
	1AB-P-0138-W	0.01	0.28	Bad

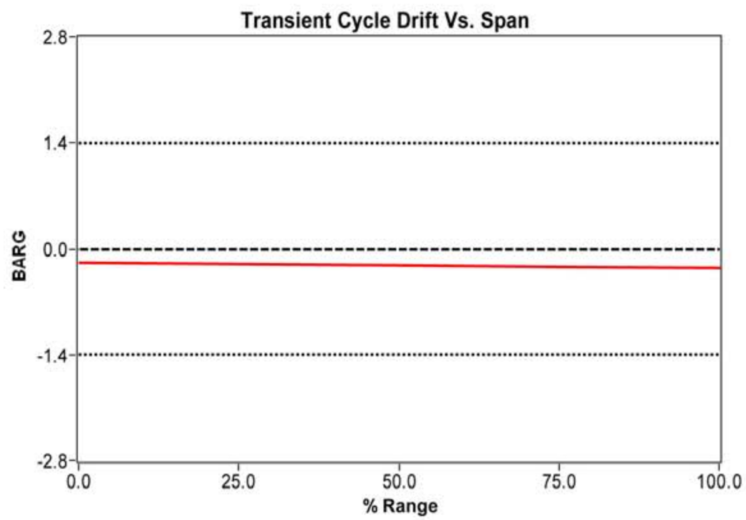
* = Recalibrated Between Date 1 and Date 2

Figure C-45
Main Steam Pressure Loop 1 (1AB-P-0515-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis





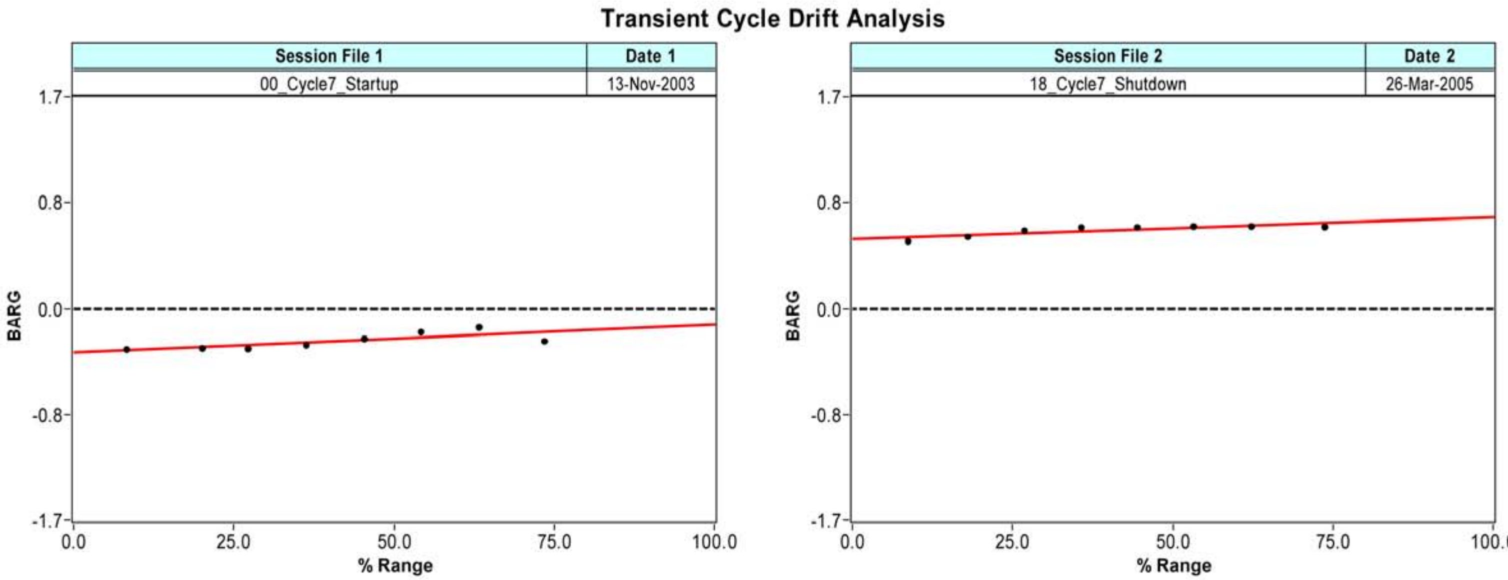


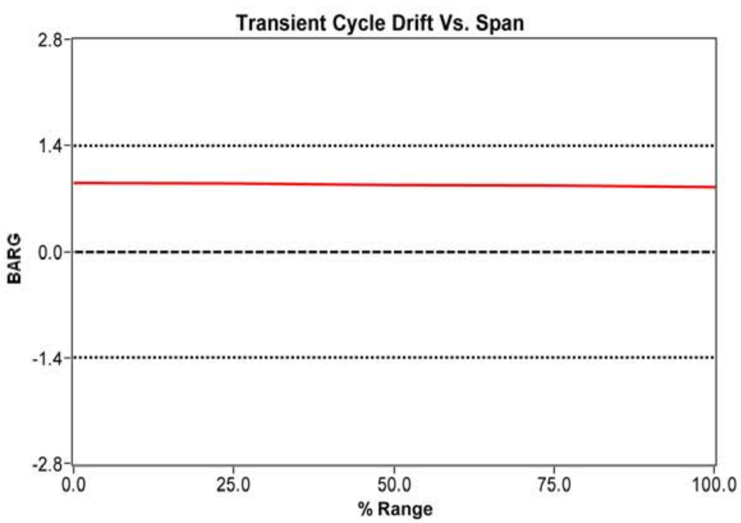
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 1				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0513-W	-0.06	-0.38	Good
	1AB-P-0514-W	3.34	-2.27	Bad
	1AB-P-0515-W	-0.14	-0.30	Good
✓	1AB-P-0516-W	-0.19	-0.26	Good
	1AB-P-0177-W	0.91	0.86	Good
	1AB-P-0174-W	998.96	899.17	Bad
	1AB-P-0175-W	0.17	0.26	Bad
	1AB-P-0137-W	0.11	0.16	Good
	1AB-P-0138-W	0.02	-0.12	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-46
Main Steam Pressure Loop 1 (1AB-P-0516-W) Transient Drift Analysis: Cycle 7





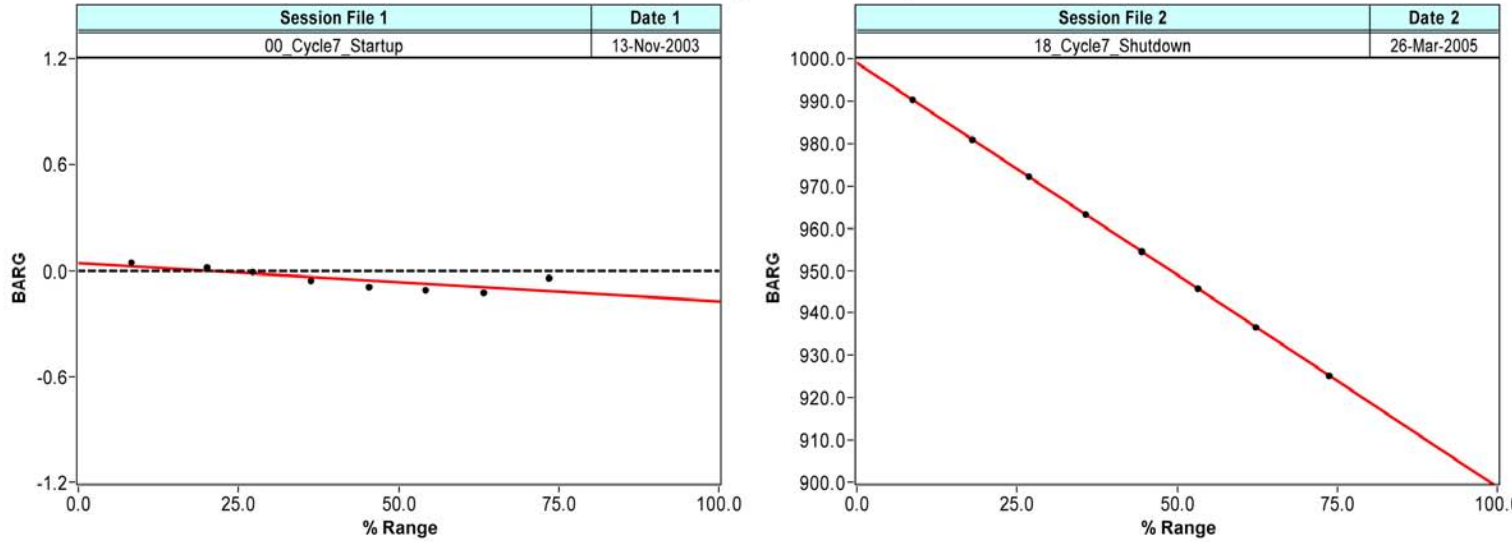
Analysis Information

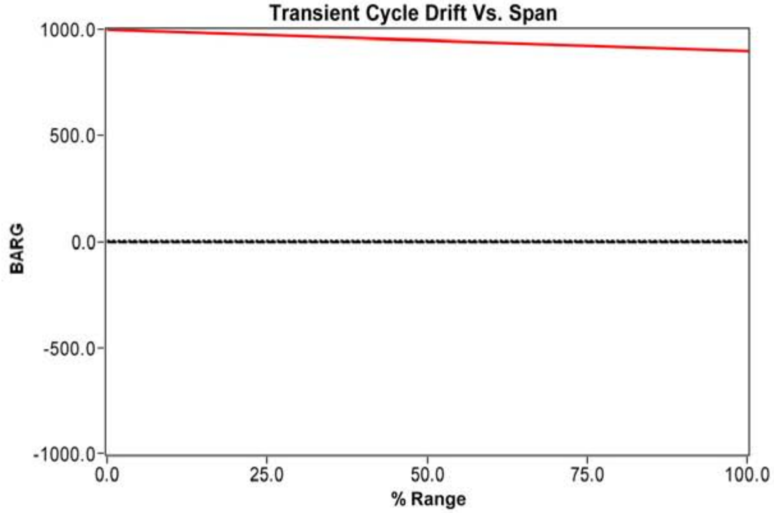
	Tag ID	Zero Drift	Span Drift	Result
Group: MAIN STEAM PRESSURE LOOP 1				
	1AB-P-0513-W	-0.06	-0.38	Good
	1AB-P-0514-W	3.34	-2.27	Bad
	1AB-P-0515-W	-0.14	-0.30	Good
	1AB-P-0516-W	-0.19	-0.26	Good
	1AB-P-0177-W	0.91	0.86	Good
	1AB-P-0174-W	998.96	899.17	Bad
	1AB-P-0175-W	0.17	0.26	Bad
	1AB-P-0137-W	0.11	0.16	Good
	1AB-P-0138-W	0.02	-0.12	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-47
Main Steam Pressure Loop 1 (1AB-P-0177-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis





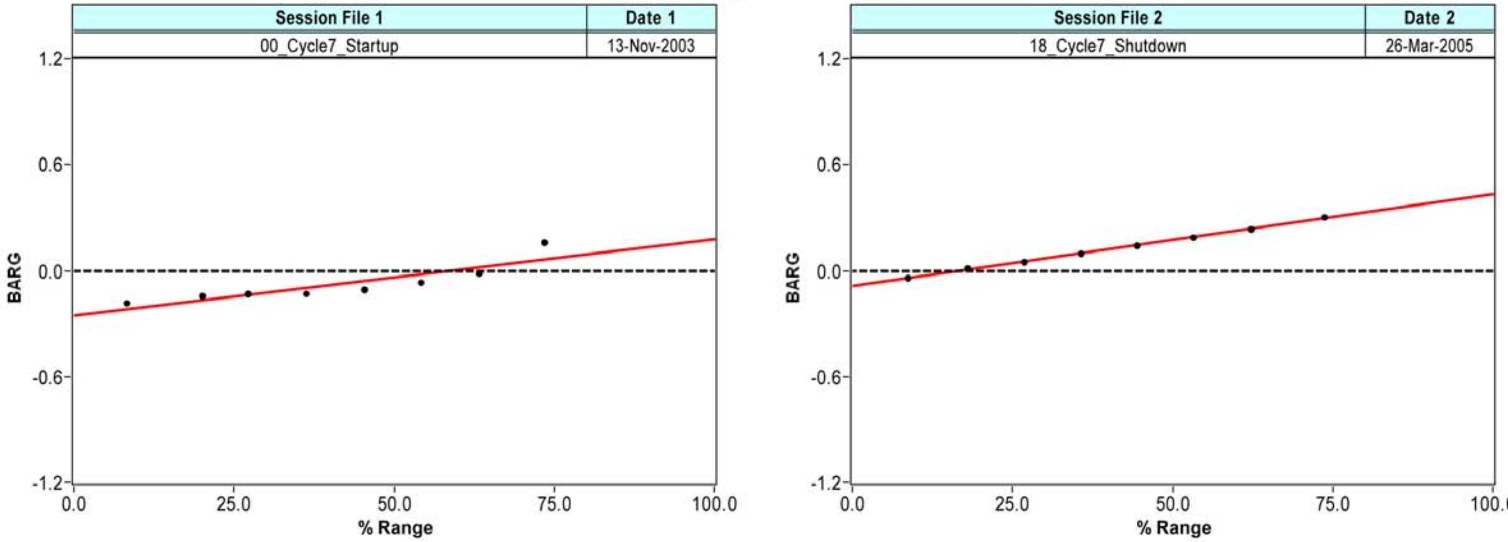
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 1				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0513-W	-0.06	-0.38	Good
	1AB-P-0514-W	3.34	-2.27	Bad
	1AB-P-0515-W	-0.14	-0.30	Good
	1AB-P-0516-W	-0.19	-0.26	Good
	1AB-P-0177-W	0.91	0.86	Good
	1AB-P-0174-W	998.96	899.17	Bad
	1AB-P-0175-W	0.17	0.26	Bad
	1AB-P-0137-W	0.11	0.16	Good
	1AB-P-0138-W	0.02	-0.12	Good

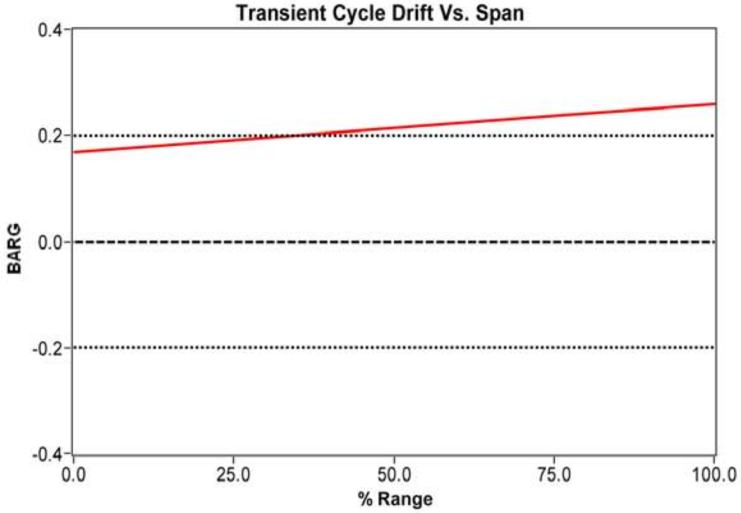
* = Recalibrated Between Date 1 and Date 2

Figure C-48
Main Steam Pressure Loop 1 (1AB-P-0174-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis



Transient Cycle Drift Vs. Span

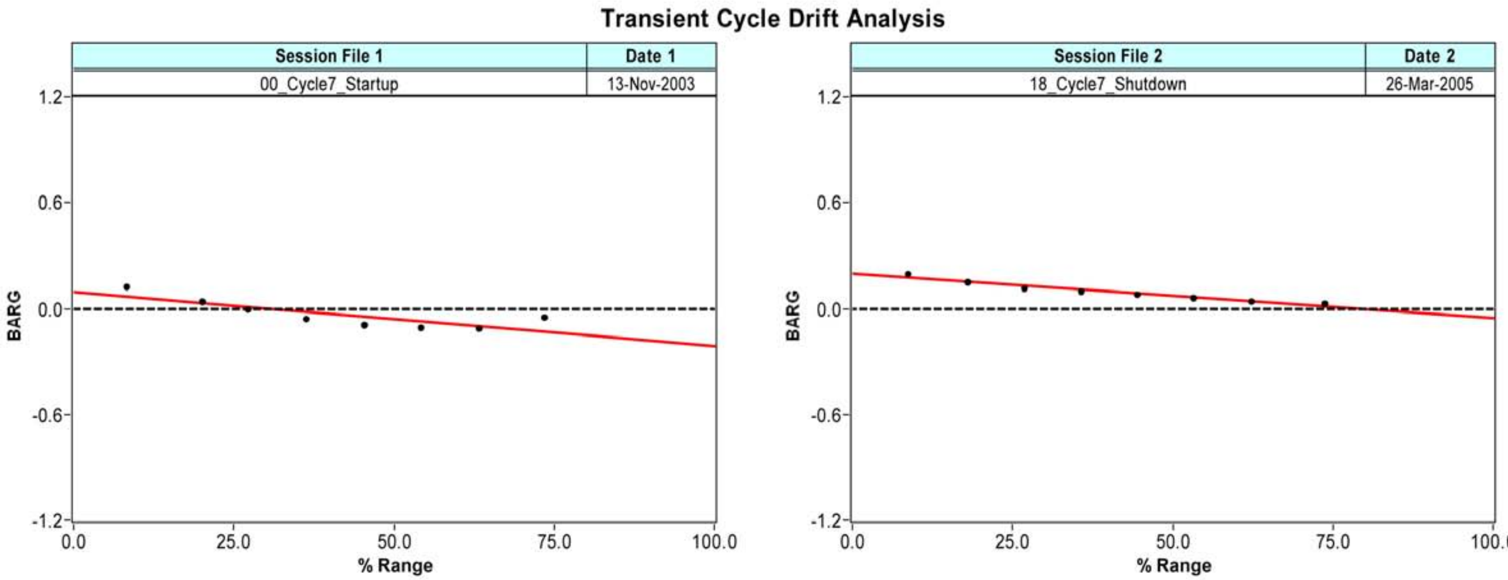


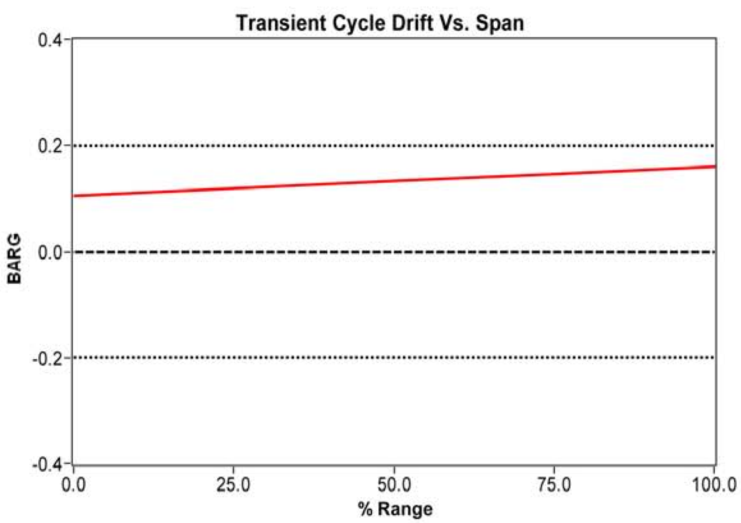
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 1				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0513-W	-0.06	-0.38	Good
	1AB-P-0514-W	3.34	-2.27	Bad
	1AB-P-0515-W	-0.14	-0.30	Good
	1AB-P-0516-W	-0.19	-0.26	Good
	1AB-P-0177-W	0.91	0.86	Good
	1AB-P-0174-W	998.96	899.17	Bad
	1AB-P-0175-W	0.17	0.26	Bad
	1AB-P-0137-W	0.11	0.16	Good
	1AB-P-0138-W	0.02	-0.12	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-49
Main Steam Pressure Loop 1 (1AB-P-0175-W) Transient Drift Analysis: Cycle 7





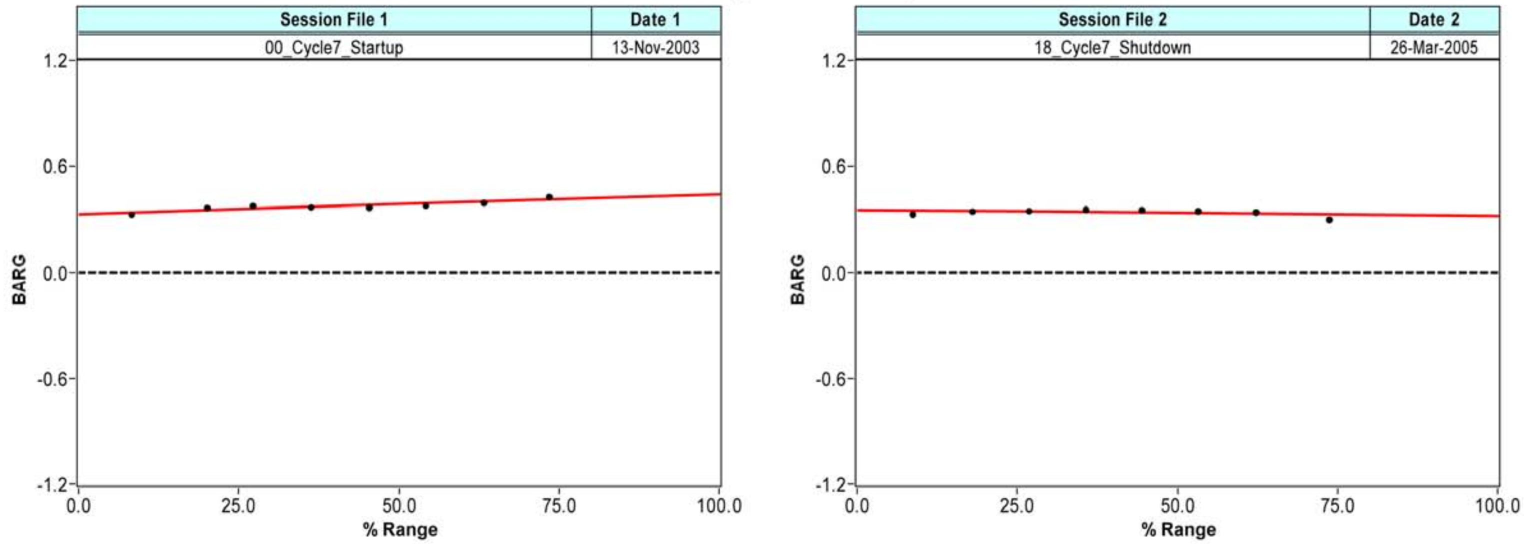
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 1				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0513-W	-0.06	-0.38	Good
	1AB-P-0514-W	3.34	-2.27	Bad
	1AB-P-0515-W	-0.14	-0.30	Good
	1AB-P-0516-W	-0.19	-0.26	Good
	1AB-P-0177-W	0.91	0.86	Good
	1AB-P-0174-W	998.96	899.17	Bad
	1AB-P-0175-W	0.17	0.26	Bad
	1AB-P-0137-W	0.11	0.16	Good
	1AB-P-0138-W	0.02	-0.12	Good

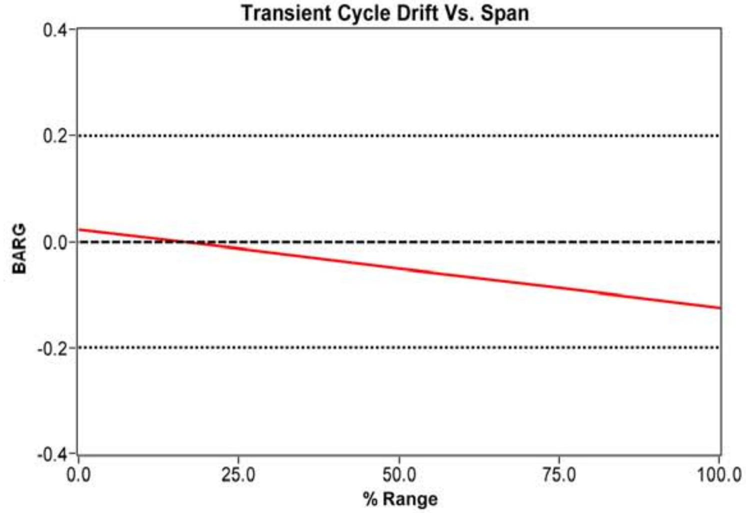
* = Recalibrated Between Date 1 and Date 2

Figure C-50
Main Steam Pressure Loop 1 (1AB-P-0137-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis



Transient Cycle Drift Vs. Span



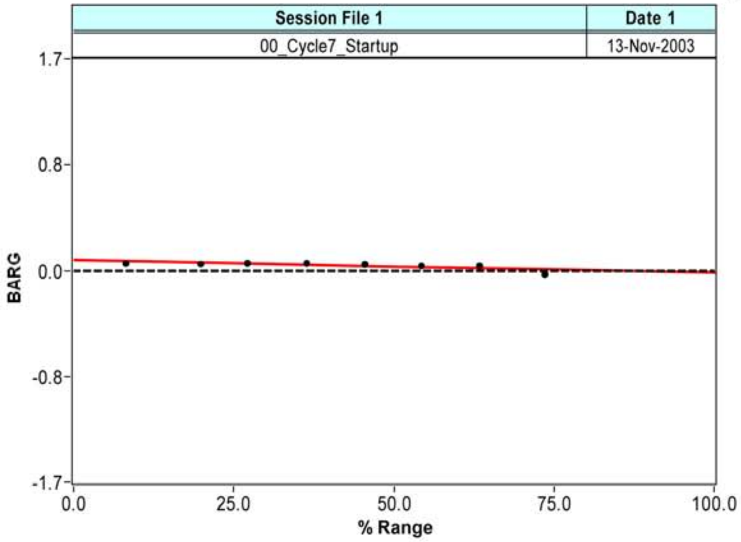
Analysis Information

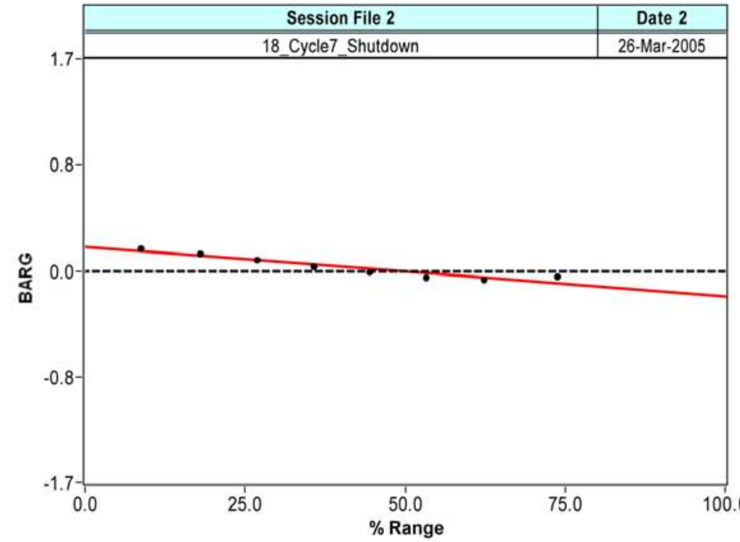
Group				
MAIN STEAM PRESSURE LOOP 1				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0513-W	-0.06	-0.38	Good
	1AB-P-0514-W	3.34	-2.27	Bad
	1AB-P-0515-W	-0.14	-0.30	Good
	1AB-P-0516-W	-0.19	-0.26	Good
	1AB-P-0177-W	0.91	0.86	Good
	1AB-P-0174-W	998.96	899.17	Bad
	1AB-P-0175-W	0.17	0.26	Bad
	1AB-P-0137-W	0.11	0.16	Good
	1AB-P-0138-W	0.02	-0.12	Good

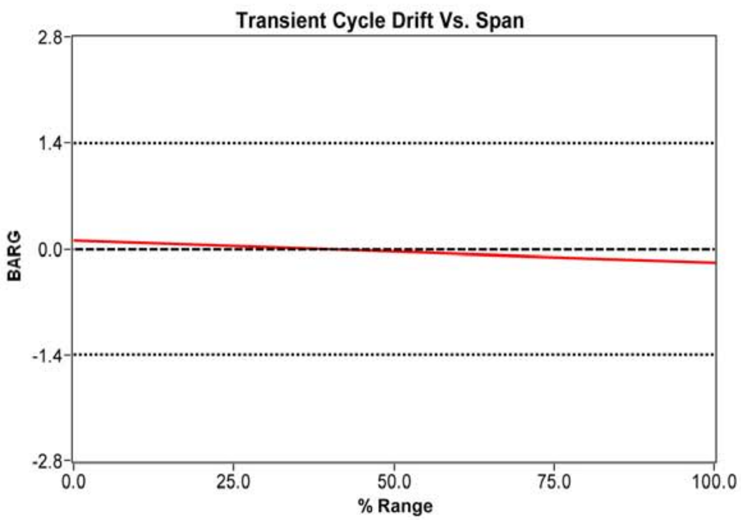
* = Recalibrated Between Date 1 and Date 2

Figure C-51
Main Steam Pressure Loop 1 (1AB-P-0138-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis





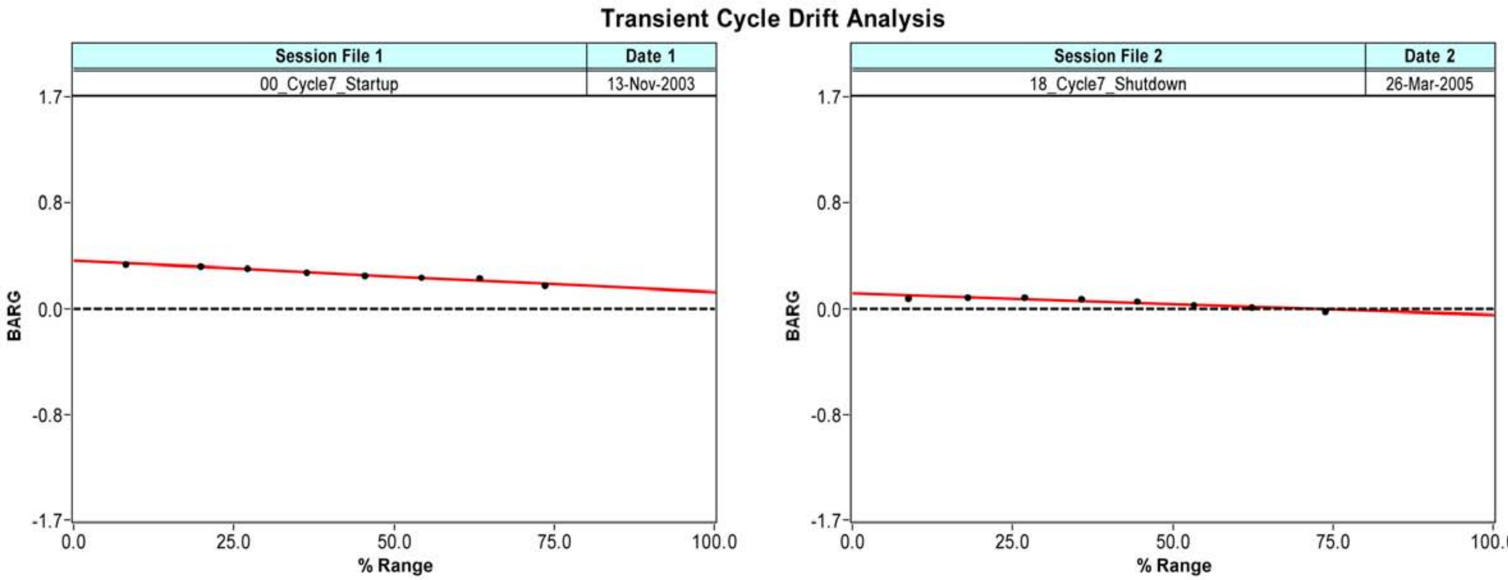


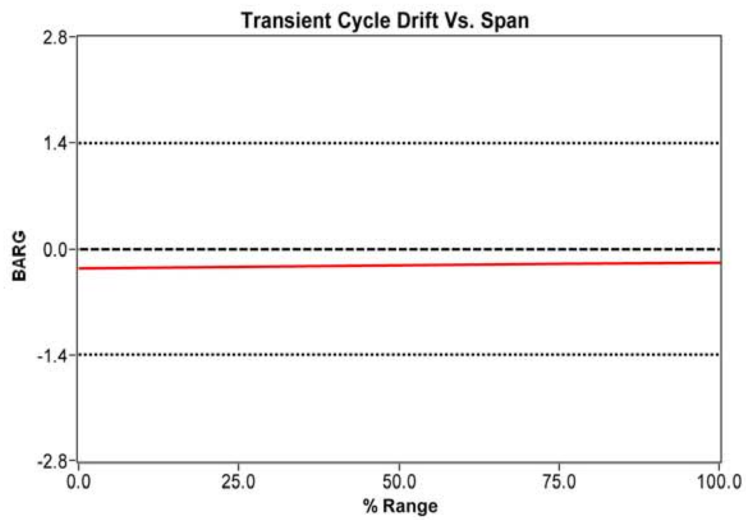
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 2				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0523-W	0.11	-0.19	Good
	1AB-P-0524-W	-0.26	-0.19	Good
	1AB-P-0525-W	0.12	-0.37	Good
	1AB-P-0526-W	-0.30	0.27	Good
	1AB-P-0277-W	0.52	-0.21	Good
	1AB-P-0275-W	0.09	0.12	Good
	1AB-P-0274-W	0.07	0.32	Bad
	1AB-P-0237-W	0.13	0.08	Good
	1AB-P-0238-W	0.17	-0.10	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-52
Main Steam Pressure Loop 2 (1AB-P-0523-W) Transient Drift Analysis: Cycle 7





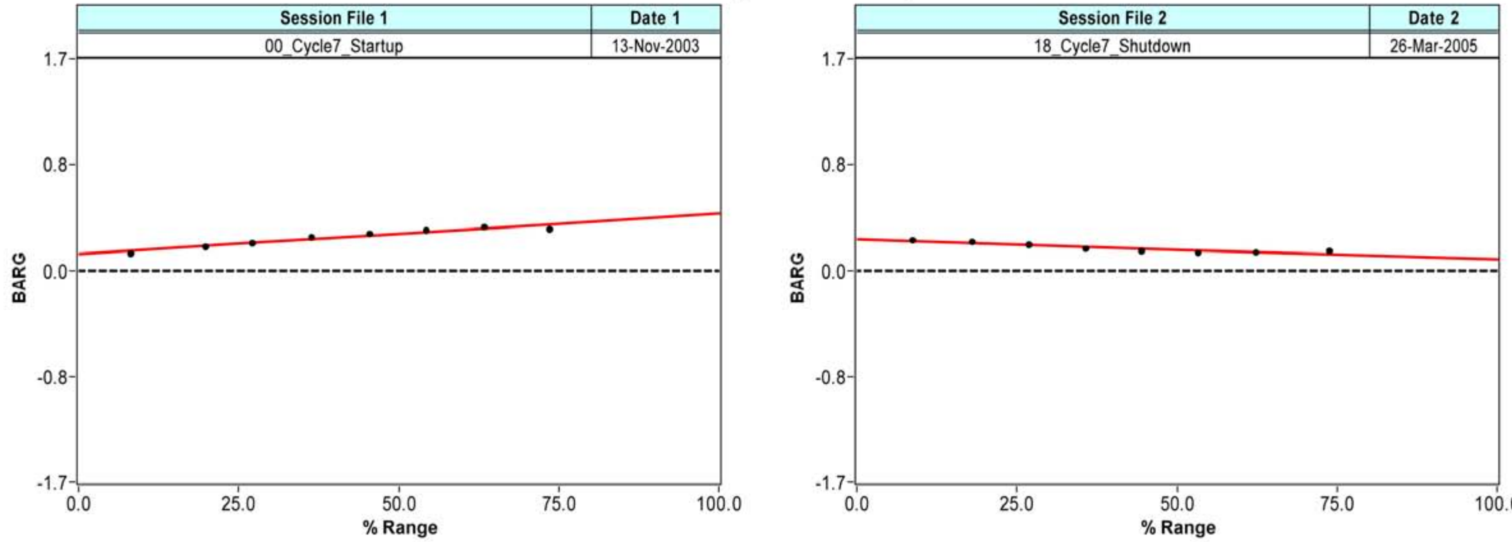
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 2				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0523-W	0.11	-0.19	Good
	1AB-P-0524-W	-0.26	-0.19	Good
	1AB-P-0525-W	0.12	-0.37	Good
	1AB-P-0526-W	-0.30	0.27	Good
	1AB-P-0277-W	0.52	-0.21	Good
	1AB-P-0275-W	0.09	0.12	Good
	1AB-P-0274-W	0.07	0.32	Bad
	1AB-P-0237-W	0.13	0.08	Good
	1AB-P-0238-W	0.17	-0.10	Good

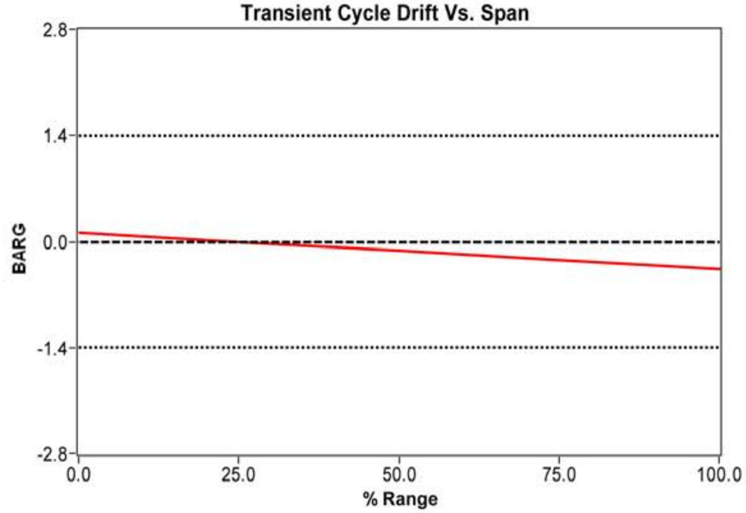
* = Recalibrated Between Date 1 and Date 2

Figure C-53
Main Steam Pressure Loop 2 (1AB-P-0524-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis



Transient Cycle Drift Vs. Span

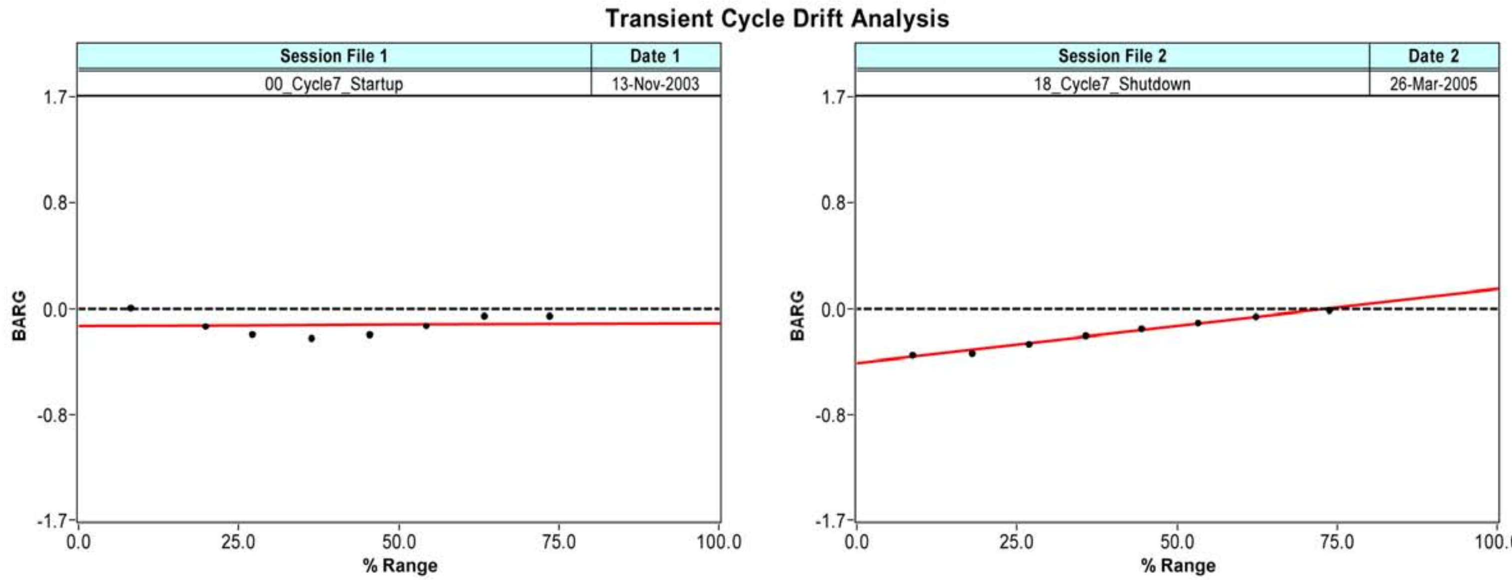


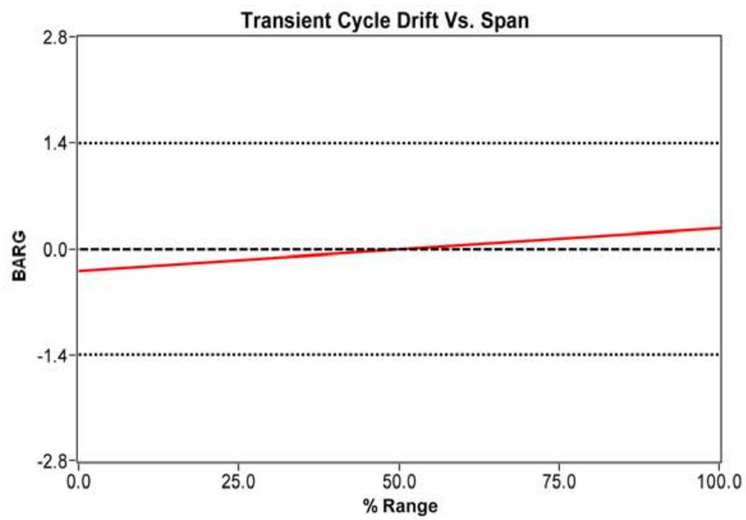
Analysis Information

	Group			
	MAIN STEAM PRESSURE LOOP 2			
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0523-W	0.11	-0.19	Good
	1AB-P-0524-W	-0.26	-0.19	Good
	1AB-P-0525-W	0.12	-0.37	Good
	1AB-P-0526-W	-0.30	0.27	Good
	1AB-P-0277-W	0.52	-0.21	Good
	1AB-P-0275-W	0.09	0.12	Good
	1AB-P-0274-W	0.07	0.32	Bad
	1AB-P-0237-W	0.13	0.08	Good
	1AB-P-0238-W	0.17	-0.10	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-54
Main Steam Pressure Loop 2 (1AB-P-0525-W) Transient Drift Analysis: Cycle 7



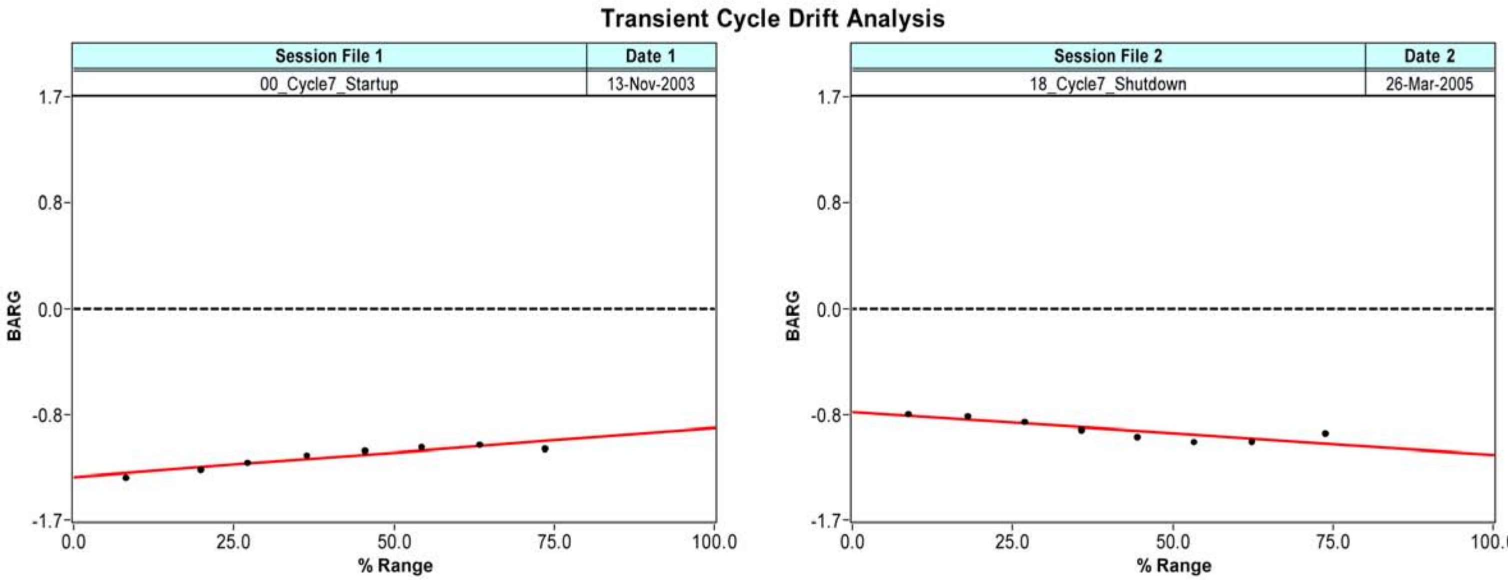


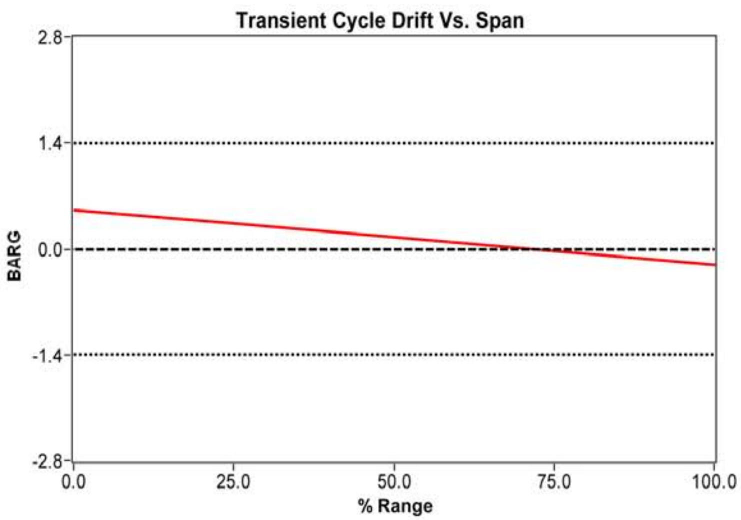
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 2				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0523-W	0.11	-0.19	Good
	1AB-P-0524-W	-0.26	-0.19	Good
	1AB-P-0525-W	0.12	-0.37	Good
	1AB-P-0526-W	-0.30	0.27	Good
	1AB-P-0277-W	0.52	-0.21	Good
	1AB-P-0275-W	0.09	0.12	Good
	1AB-P-0274-W	0.07	0.32	Bad
	1AB-P-0237-W	0.13	0.08	Good
	1AB-P-0238-W	0.17	-0.10	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-55
Main Steam Pressure Loop 2 (1AB-P-0526-W) Transient Drift Analysis: Cycle 7



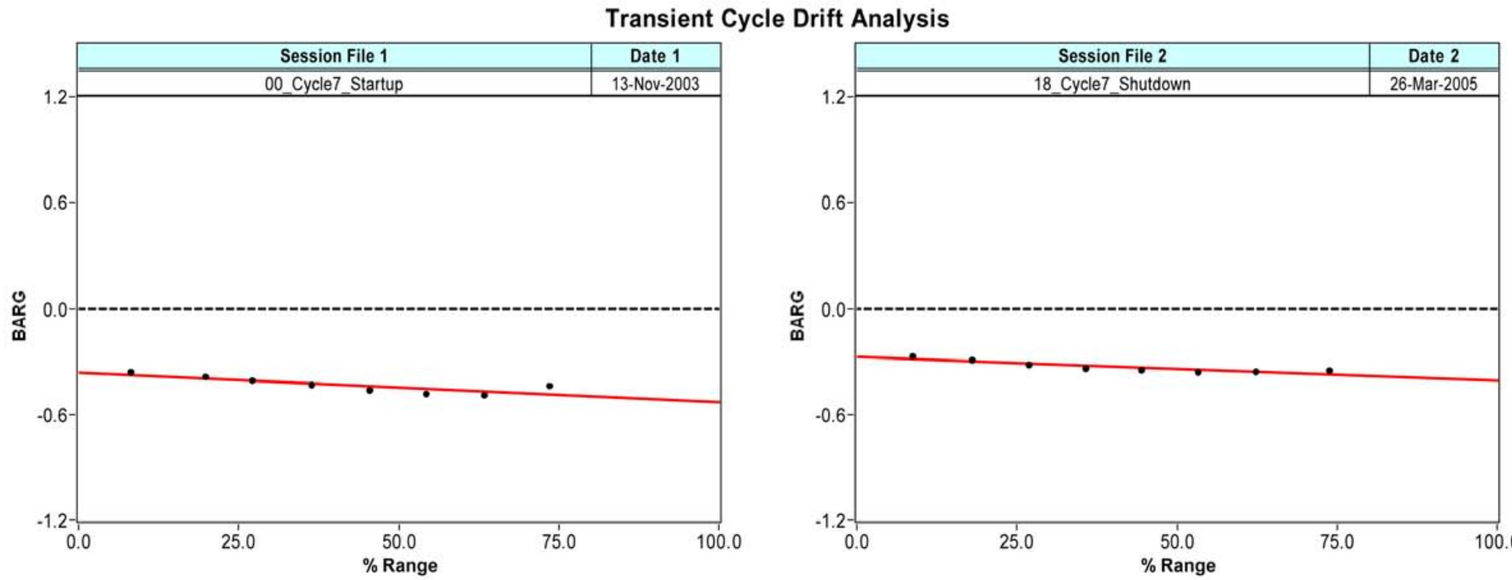


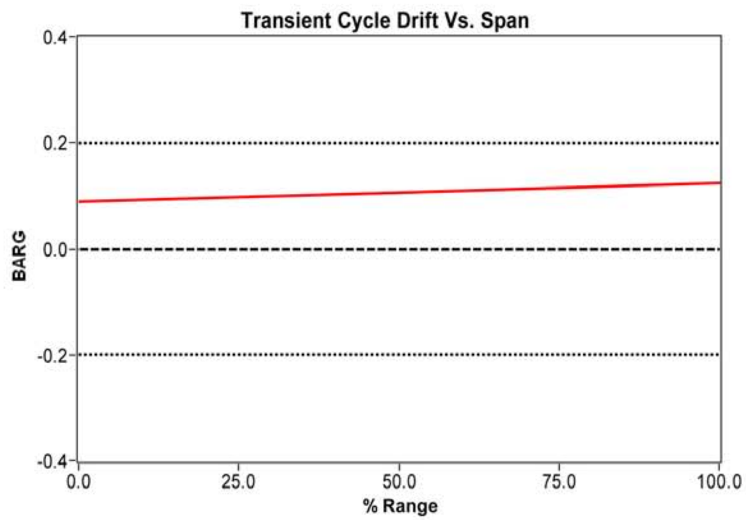
Analysis Information

	Group			
	MAIN STEAM PRESSURE LOOP 2			
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0523-W	0.11	-0.19	Good
	1AB-P-0524-W	-0.26	-0.19	Good
	1AB-P-0525-W	0.12	-0.37	Good
	1AB-P-0526-W	-0.30	0.27	Good
	1AB-P-0277-W	0.52	-0.21	Good
	1AB-P-0275-W	0.09	0.12	Good
	1AB-P-0274-W	0.07	0.32	Bad
	1AB-P-0237-W	0.13	0.08	Good
	1AB-P-0238-W	0.17	-0.10	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-56
Main Steam Pressure Loop 2 (1AB-P-0277-W) Transient Drift Analysis: Cycle 7





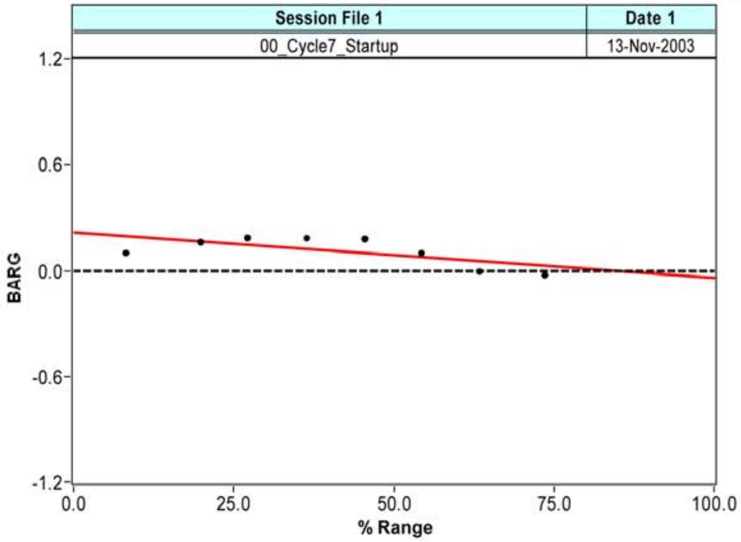
Analysis Information

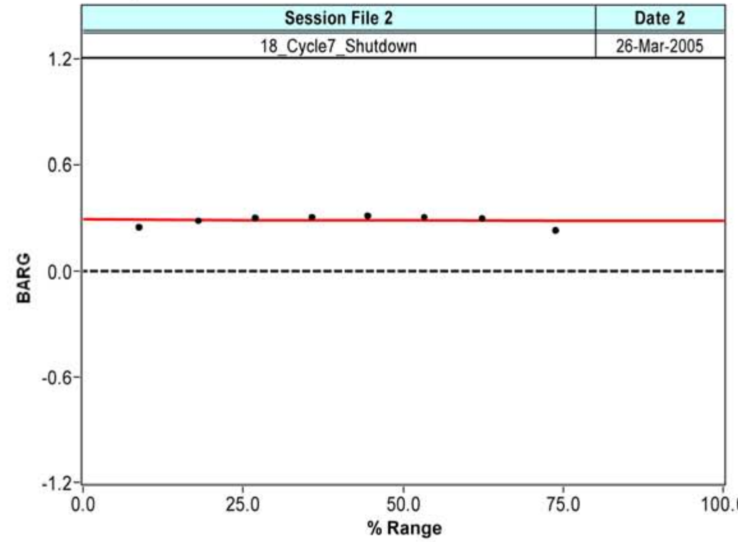
Group				
MAIN STEAM PRESSURE LOOP 2				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0523-W	0.11	-0.19	Good
	1AB-P-0524-W	-0.26	-0.19	Good
	1AB-P-0525-W	0.12	-0.37	Good
	1AB-P-0526-W	-0.30	0.27	Good
	1AB-P-0277-W	0.52	-0.21	Good
	1AB-P-0275-W	0.09	0.12	Good
	1AB-P-0274-W	0.07	0.32	Bad
	1AB-P-0237-W	0.13	0.08	Good
	1AB-P-0238-W	0.17	-0.10	Good

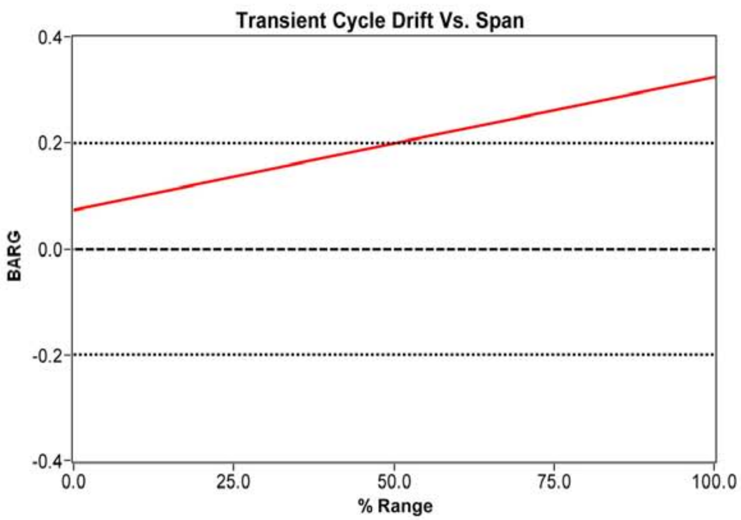
* = Recalibrated Between Date 1 and Date 2

Figure C-57
Main Steam Pressure Loop 2 (1AB-P-0275-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis





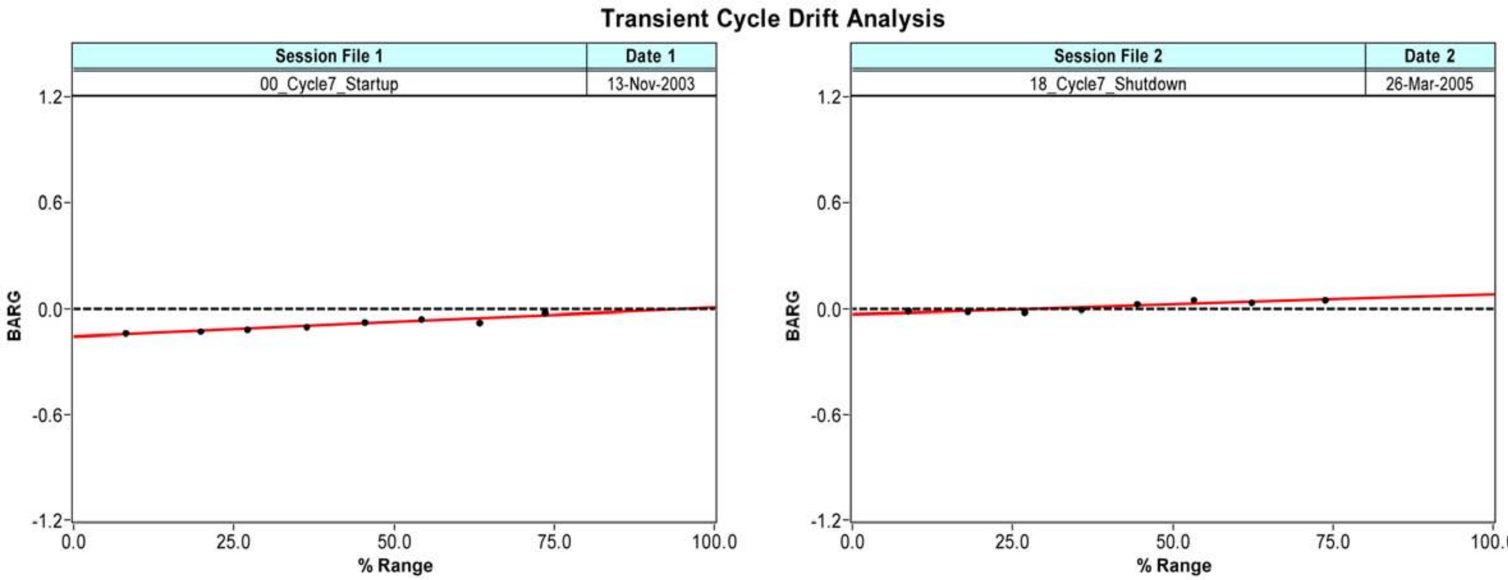


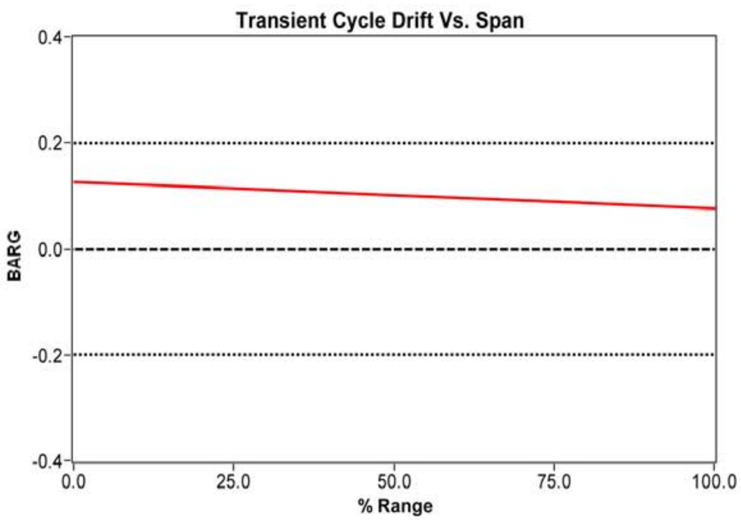
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 2				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0523-W	0.11	-0.19	Good
	1AB-P-0524-W	-0.26	-0.19	Good
	1AB-P-0525-W	0.12	-0.37	Good
	1AB-P-0526-W	-0.30	0.27	Good
	1AB-P-0277-W	0.52	-0.21	Good
	1AB-P-0275-W	0.09	0.12	Good
	1AB-P-0274-W	0.07	0.32	Bad
	1AB-P-0237-W	0.13	0.08	Good
	1AB-P-0238-W	0.17	-0.10	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-58
Main Steam Pressure Loop 2 (1AB-P-0274-W) Transient Drift Analysis: Cycle 7





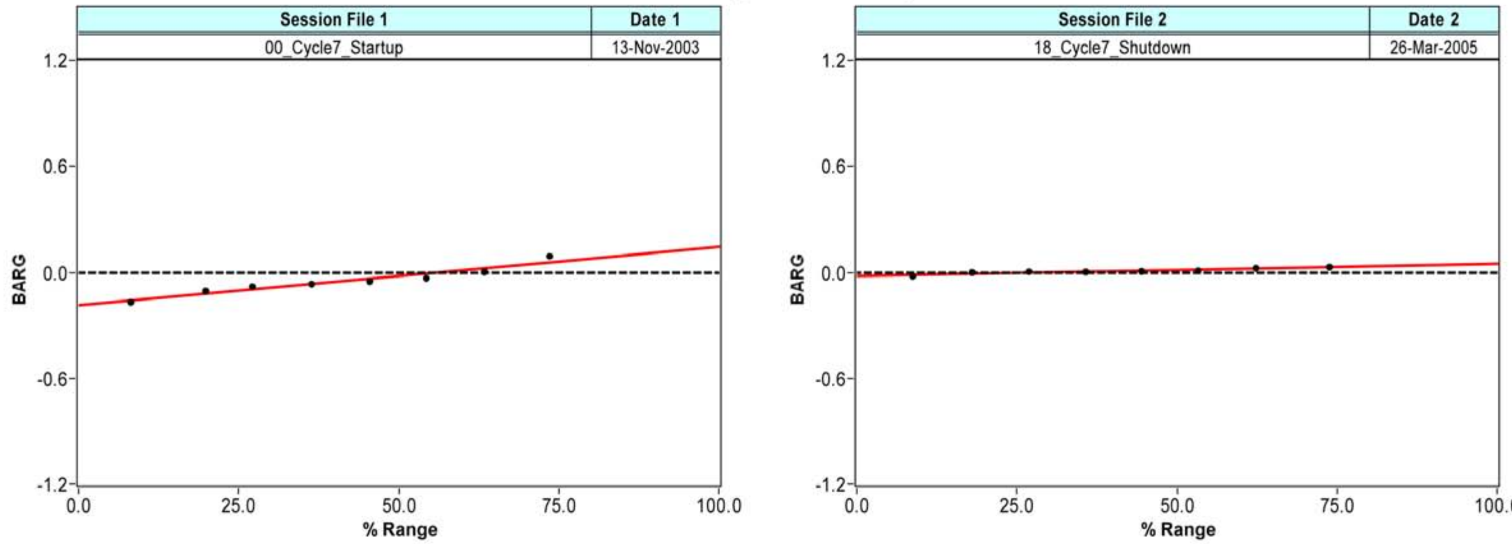
Analysis Information

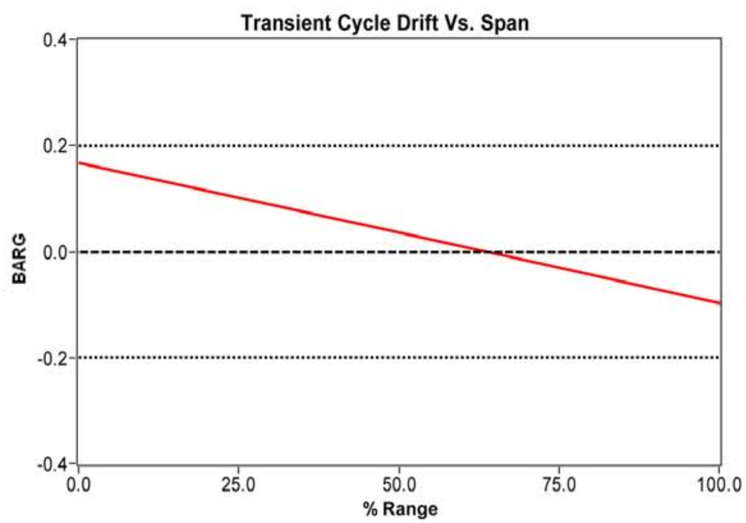
	Group			
	MAIN STEAM PRESSURE LOOP 2			
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0523-W	0.11	-0.19	Good
	1AB-P-0524-W	-0.26	-0.19	Good
	1AB-P-0525-W	0.12	-0.37	Good
	1AB-P-0526-W	-0.30	0.27	Good
	1AB-P-0277-W	0.52	-0.21	Good
	1AB-P-0275-W	0.09	0.12	Good
	1AB-P-0274-W	0.07	0.32	Bad
	1AB-P-0237-W	0.13	0.08	Good
	1AB-P-0238-W	0.17	-0.10	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-59
Main Steam Pressure Loop 2 (1AB-P-0237-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis





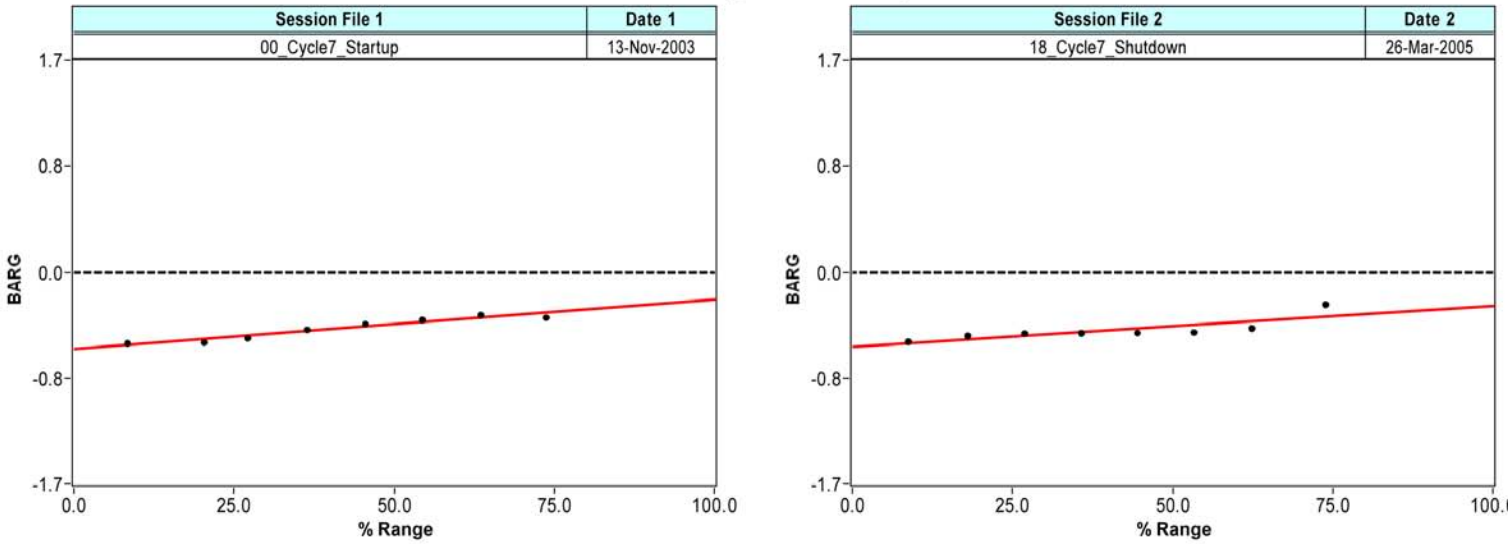
Analysis Information

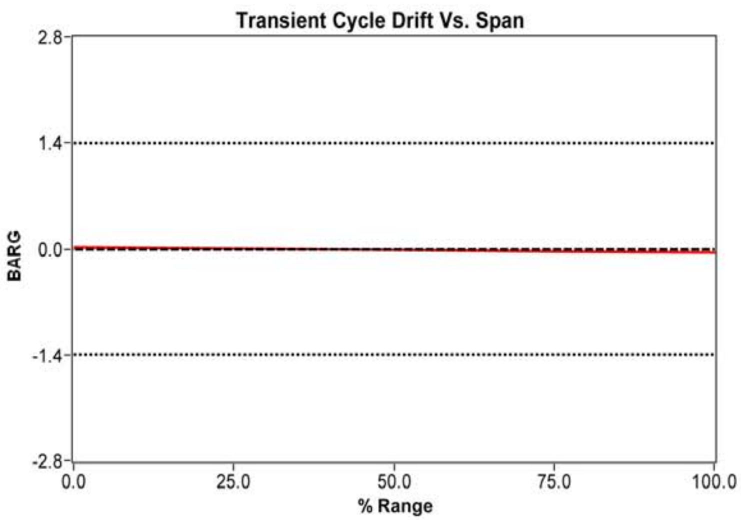
	Tag ID	Zero Drift	Span Drift	Result
Group: MAIN STEAM PRESSURE LOOP 2				
	1AB-P-0523-W	0.11	-0.19	Good
	1AB-P-0524-W	-0.26	-0.19	Good
	1AB-P-0525-W	0.12	-0.37	Good
	1AB-P-0526-W	-0.30	0.27	Good
	1AB-P-0277-W	0.52	-0.21	Good
	1AB-P-0275-W	0.09	0.12	Good
	1AB-P-0274-W	0.07	0.32	Bad
	1AB-P-0237-W	0.13	0.08	Good
	1AB-P-0238-W	0.17	-0.10	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-60
Main Steam Pressure Loop 2 (1AB-P-0238-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis



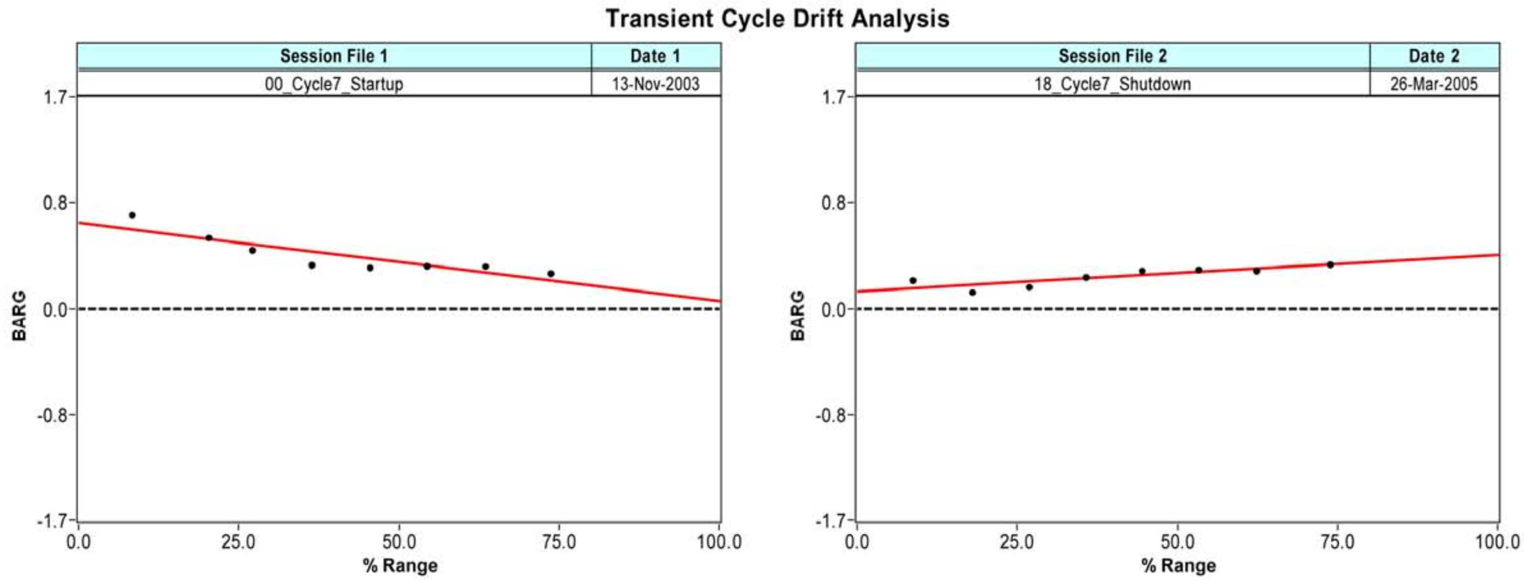


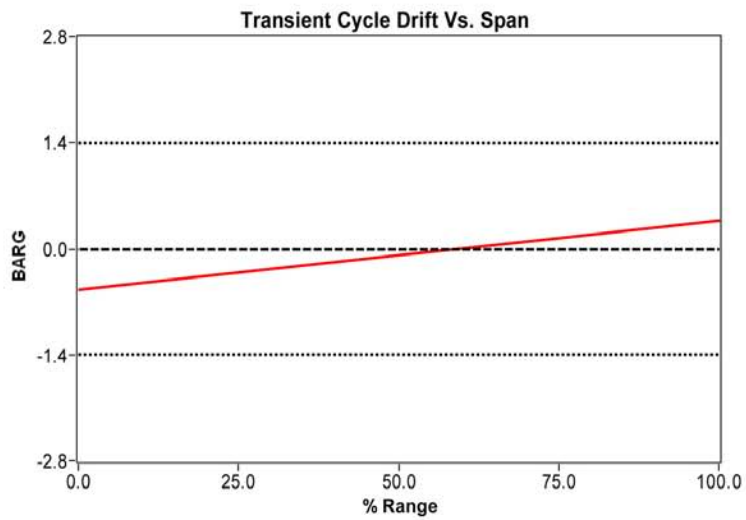
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 3				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0533-W	0.02	-0.05	Good
	1AB-P-0534-W	-0.55	0.37	Good
	1AB-P-0535-W	-0.23	-0.45	Good
	1AB-P-0536-W	-0.25	0.36	Good
	1AB-P-0377-W	0.49	-0.57	Good
	1AB-P-0337-W	0.17	0.06	Good
	1AB-P-0338-W	0.15	0.20	Good
	1AB-P-0375-W	0.12	0.21	Bad
	1AB-P-0374-W	0.15	-0.09	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-61
Main Steam Pressure Loop 3 (1AB-P-0533-W) Transient Drift Analysis: Cycle 7



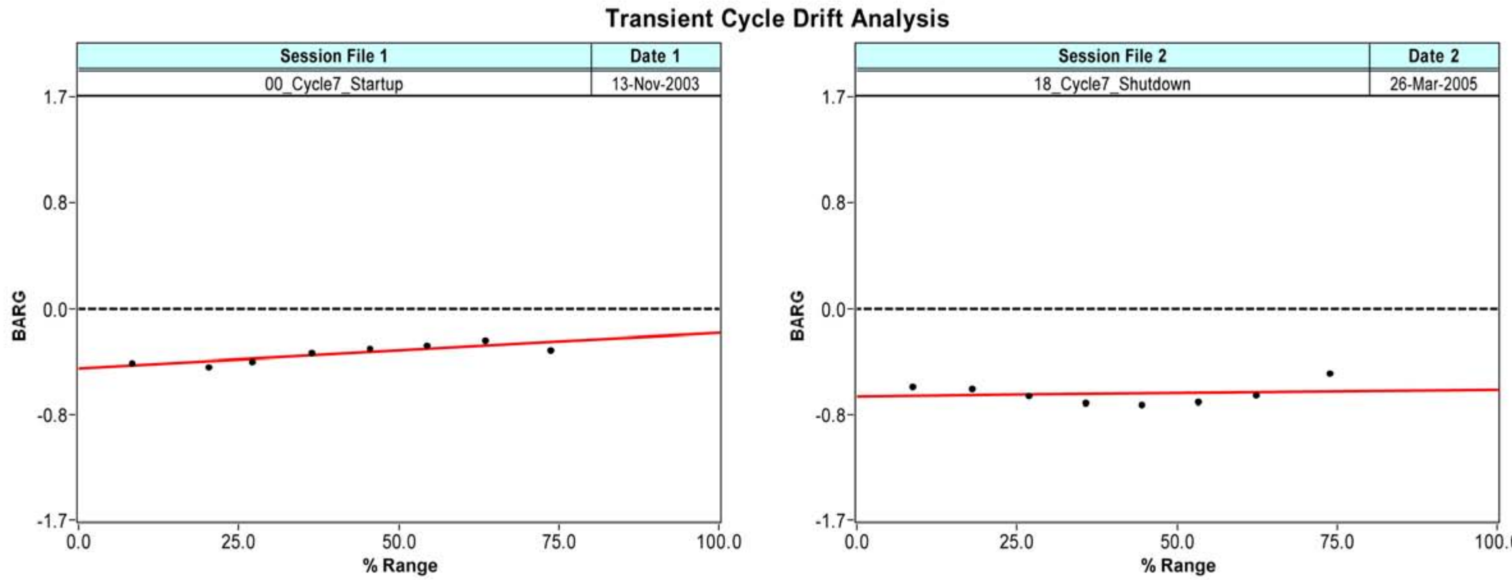


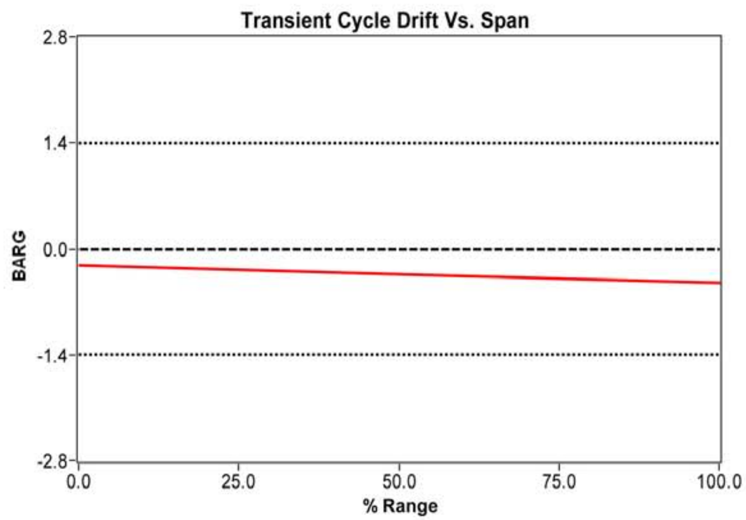
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 3				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0533-W	0.02	-0.05	Good
	1AB-P-0534-W	-0.55	0.37	Good
	1AB-P-0535-W	-0.23	-0.45	Good
	1AB-P-0536-W	-0.25	0.36	Good
	1AB-P-0377-W	0.49	-0.57	Good
	1AB-P-0337-W	0.17	0.06	Good
	1AB-P-0338-W	0.15	0.20	Good
	1AB-P-0375-W	0.12	0.21	Bad
	1AB-P-0374-W	0.15	-0.09	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-62
Main Steam Pressure Loop 3 (1AB-P-0534-W) Transient Drift Analysis: Cycle 7





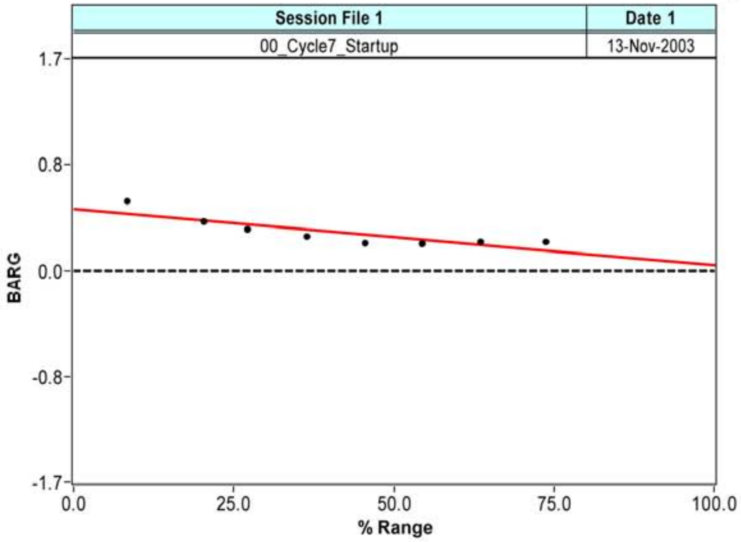
Analysis Information

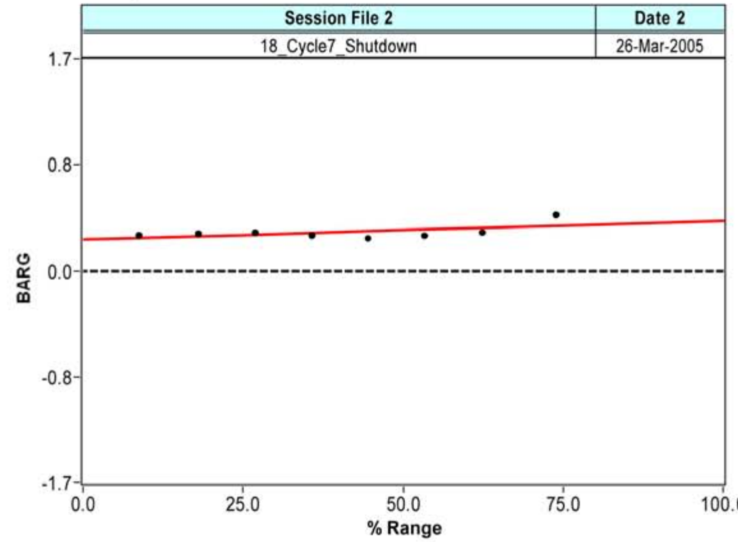
Group				
MAIN STEAM PRESSURE LOOP 3				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0533-W	0.02	-0.05	Good
	1AB-P-0534-W	-0.55	0.37	Good
	1AB-P-0535-W	-0.23	-0.45	Good
	1AB-P-0536-W	-0.25	0.36	Good
	1AB-P-0377-W	0.49	-0.57	Good
	1AB-P-0337-W	0.17	0.06	Good
	1AB-P-0338-W	0.15	0.20	Good
	1AB-P-0375-W	0.12	0.21	Bad
	1AB-P-0374-W	0.15	-0.09	Good

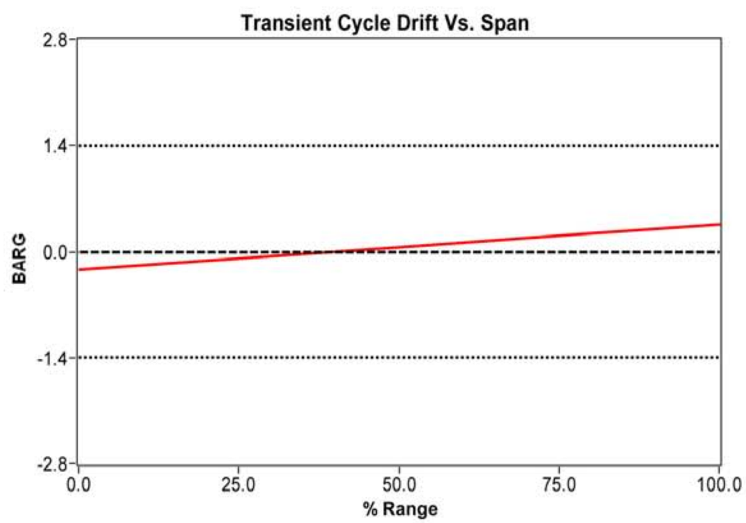
* = Recalibrated Between Date 1 and Date 2

Figure C-63
Main Steam Pressure Loop 3 (1AB-P-0535-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis





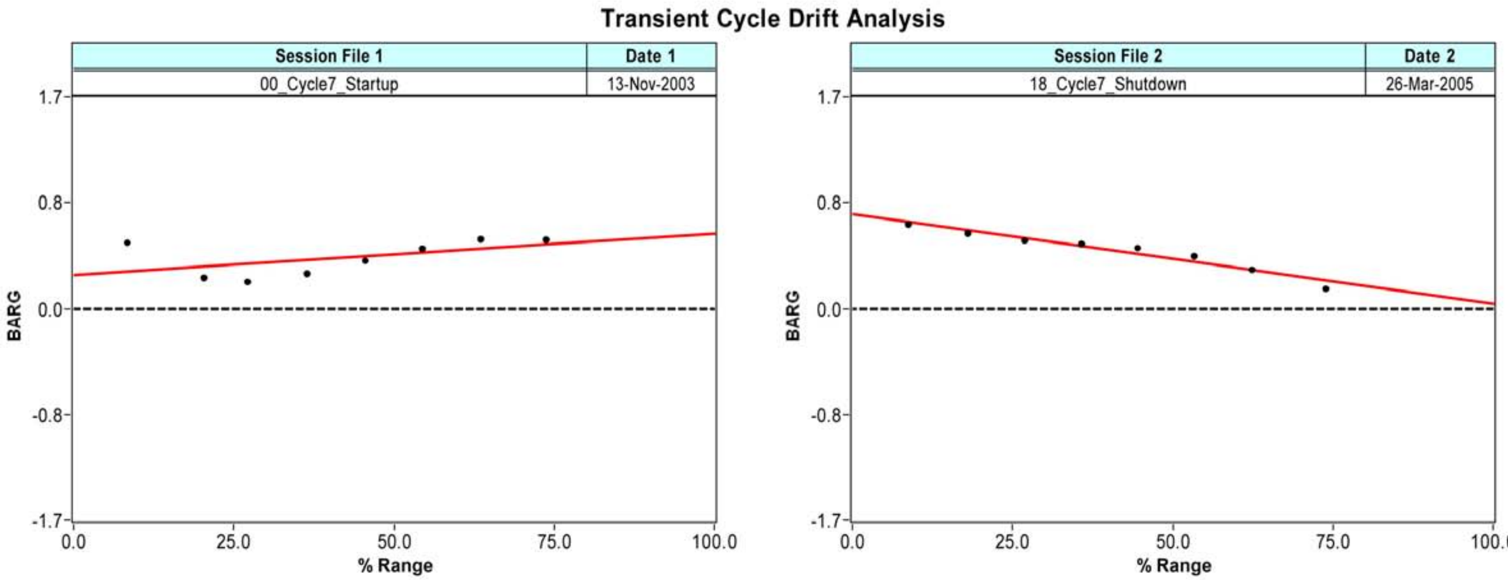


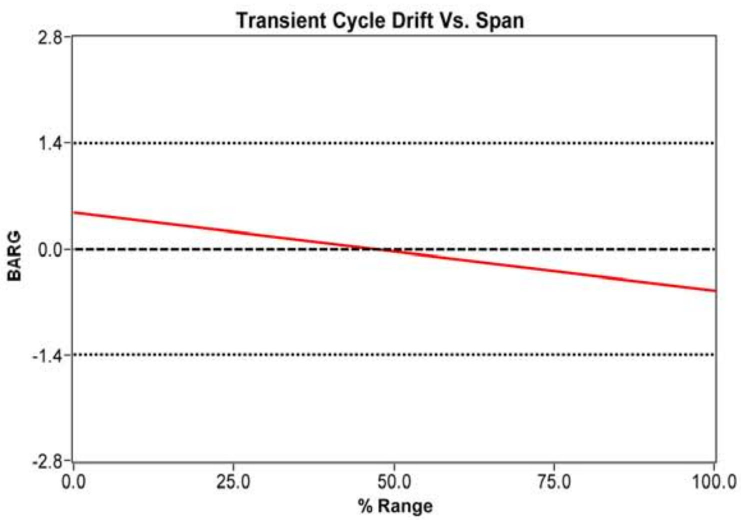
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 3				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0533-W	0.02	-0.05	Good
	1AB-P-0534-W	-0.55	0.37	Good
	1AB-P-0535-W	-0.23	-0.45	Good
	1AB-P-0536-W	-0.25	0.36	Good
	1AB-P-0377-W	0.49	-0.57	Good
	1AB-P-0337-W	0.17	0.06	Good
	1AB-P-0338-W	0.15	0.20	Good
	1AB-P-0375-W	0.12	0.21	Bad
	1AB-P-0374-W	0.15	-0.09	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-64
Main Steam Pressure Loop 3 (1AB-P-0536-W) Transient Drift Analysis: Cycle 7



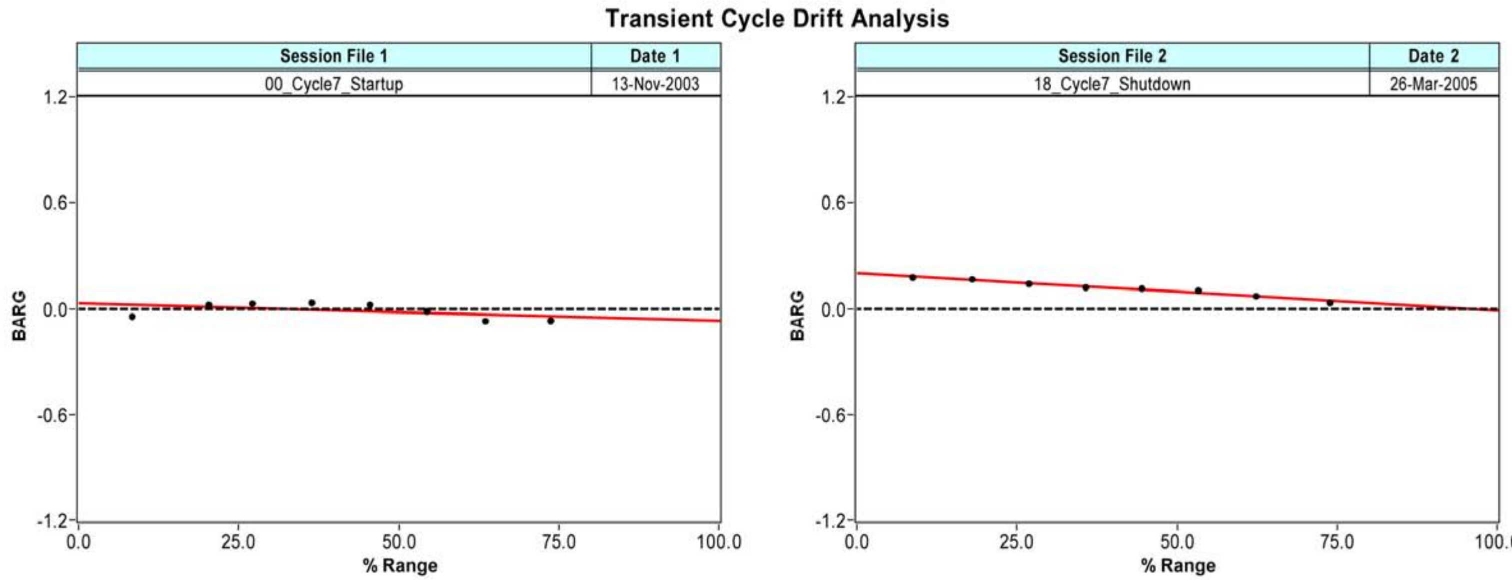


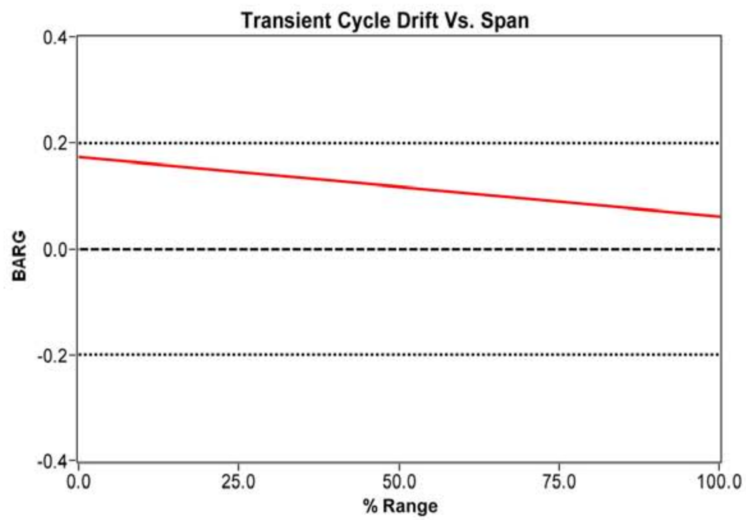
Analysis Information

	Tag ID	Zero Drift	Span Drift	Result
Group: MAIN STEAM PRESSURE LOOP 3				
	1AB-P-0533-W	0.02	-0.05	Good
	1AB-P-0534-W	-0.55	0.37	Good
	1AB-P-0535-W	-0.23	-0.45	Good
	1AB-P-0536-W	-0.25	0.36	Good
	1AB-P-0377-W	0.49	-0.57	Good
	1AB-P-0337-W	0.17	0.06	Good
	1AB-P-0338-W	0.15	0.20	Good
	1AB-P-0375-W	0.12	0.21	Bad
	1AB-P-0374-W	0.15	-0.09	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-65
Main Steam Pressure Loop 3 (1AB-P-0377-W) Transient Drift Analysis: Cycle 7



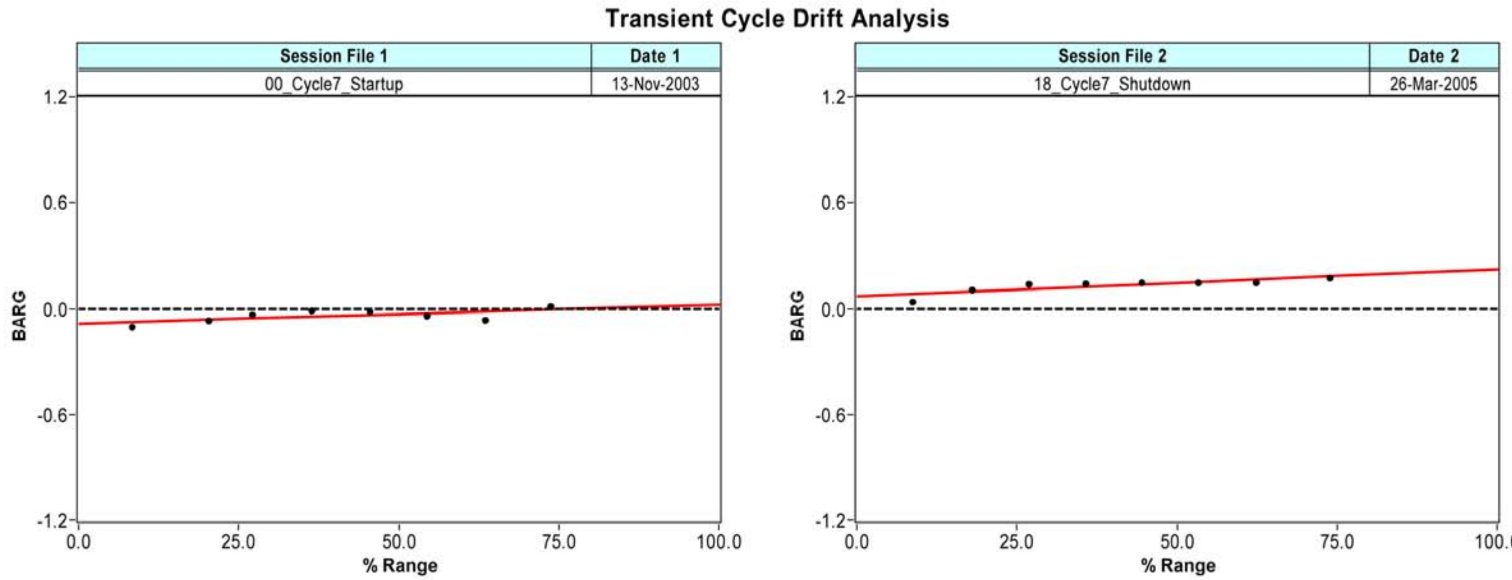


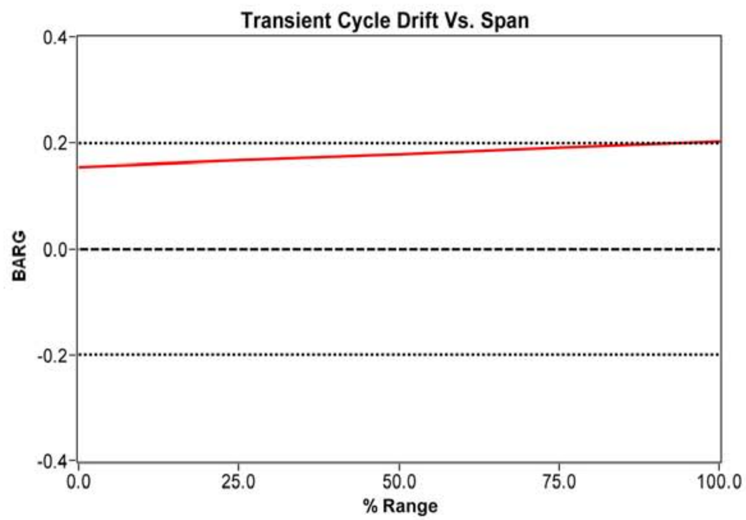
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 3				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0533-W	0.02	-0.05	Good
	1AB-P-0534-W	-0.55	0.37	Good
	1AB-P-0535-W	-0.23	-0.45	Good
	1AB-P-0536-W	-0.25	0.36	Good
	1AB-P-0377-W	0.49	-0.57	Good
	1AB-P-0337-W	0.17	0.06	Good
	1AB-P-0338-W	0.15	0.20	Good
	1AB-P-0375-W	0.12	0.21	Bad
	1AB-P-0374-W	0.15	-0.09	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-66
Main Steam Pressure Loop 3 (1AB-P-0337-W) Transient Drift Analysis: Cycle 7





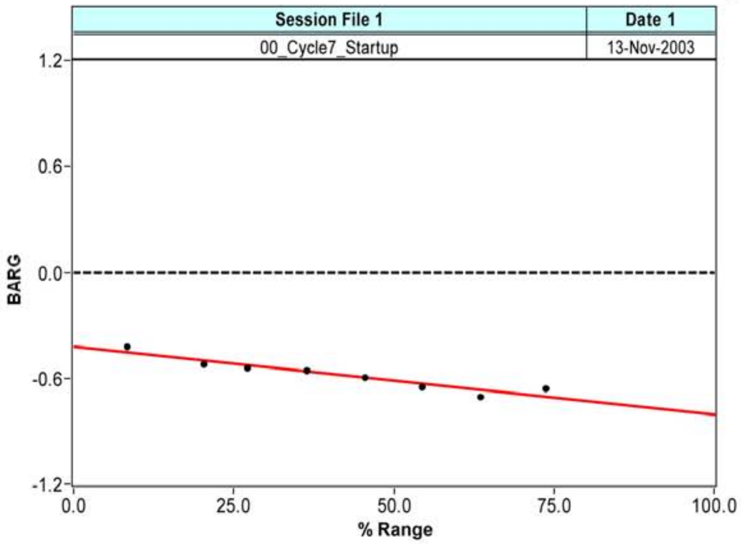
Analysis Information

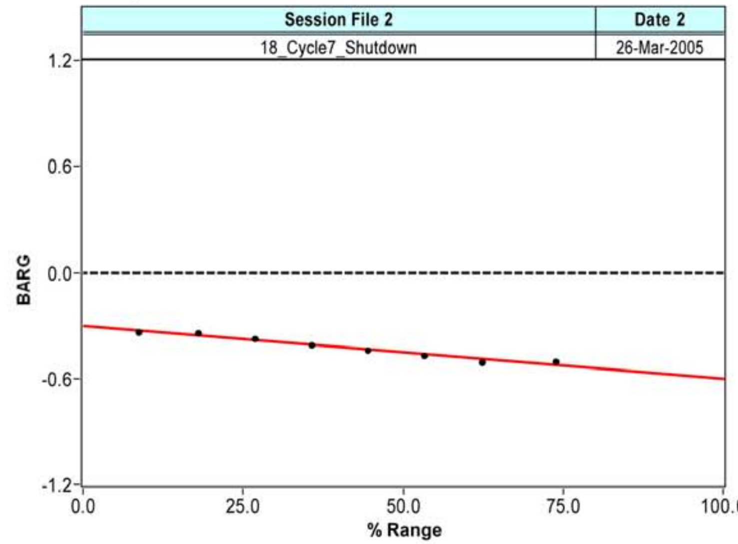
Group			
MAIN STEAM PRESSURE LOOP 3			
Tag ID	**Zero Drift**	**Span Drift**	**Result**
1AB-P-0533-W	0.02	-0.05	Good
1AB-P-0534-W	-0.55	0.37	Good
1AB-P-0535-W	-0.23	-0.45	Good
1AB-P-0536-W	-0.25	0.36	Good
1AB-P-0377-W	0.49	-0.57	Good
1AB-P-0337-W	0.17	0.06	Good
1AB-P-0338-W	0.15	0.20	Good
1AB-P-0375-W	0.12	0.21	Bad
1AB-P-0374-W	0.15	-0.09	Good

* = Recalibrated Between Date 1 and Date 2

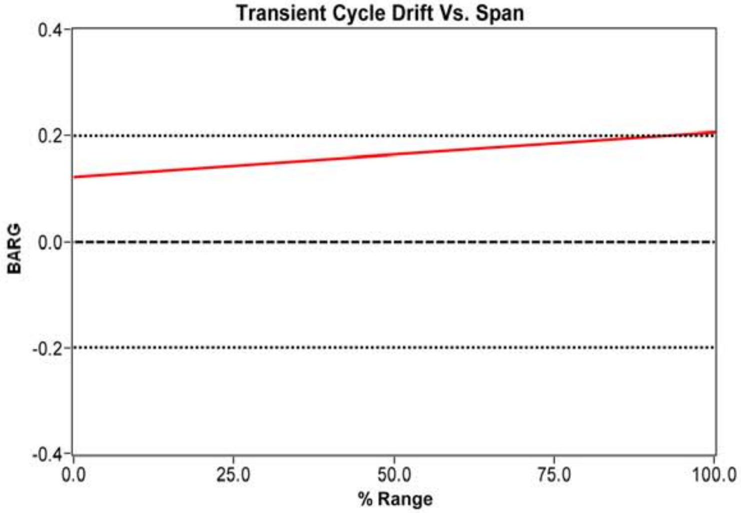
Figure C-67
Main Steam Pressure Loop 3 (1AB-P-0338-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis





Transient Cycle Drift Vs. Span



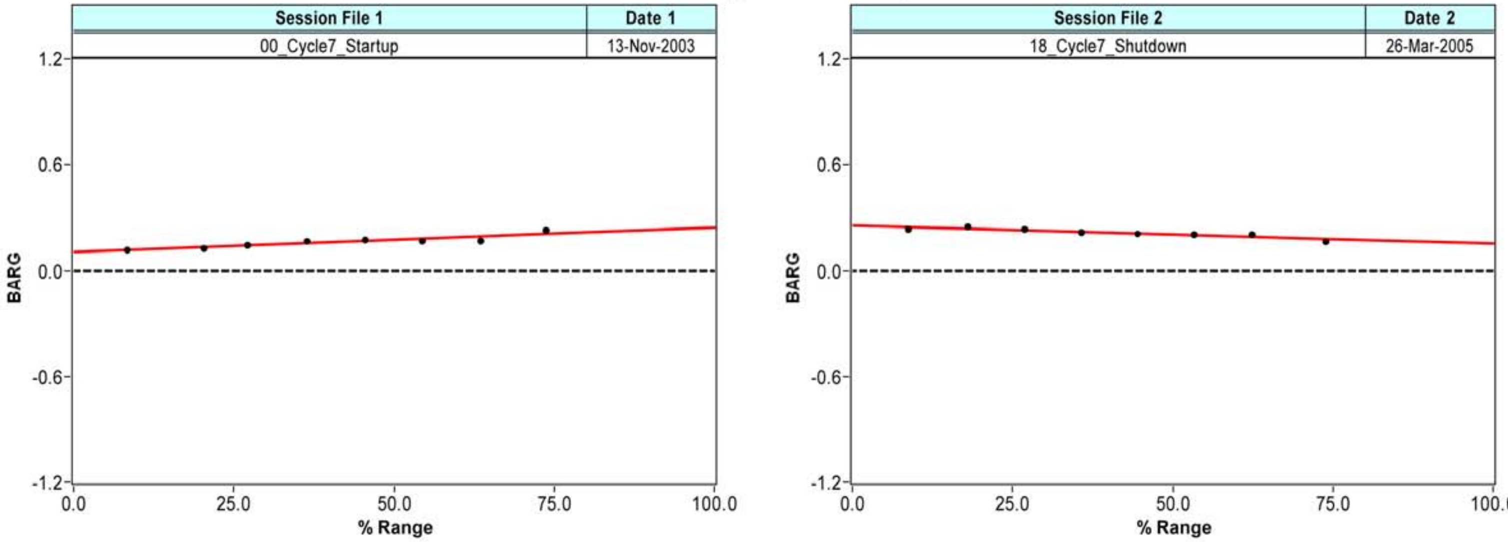
Analysis Information

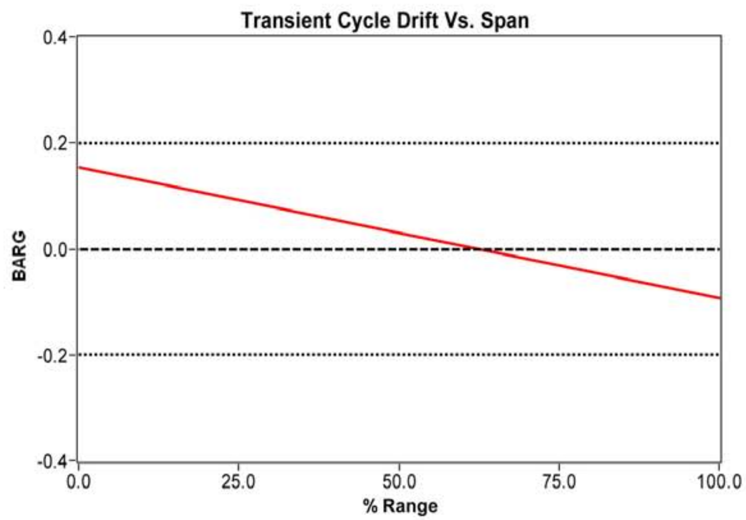
	Tag ID	Zero Drift	Span Drift	Result
Group				
MAIN STEAM PRESSURE LOOP 3				
	1AB-P-0533-W	0.02	-0.05	Good
	1AB-P-0534-W	-0.55	0.37	Good
	1AB-P-0535-W	-0.23	-0.45	Good
	1AB-P-0536-W	-0.25	0.36	Good
	1AB-P-0377-W	0.49	-0.57	Good
	1AB-P-0337-W	0.17	0.06	Good
	1AB-P-0338-W	0.15	0.20	Good
	1AB-P-0375-W	0.12	0.21	Bad
	1AB-P-0374-W	0.15	-0.09	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-68
Main Steam Pressure Loop 3 (1AB-P-0375-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis





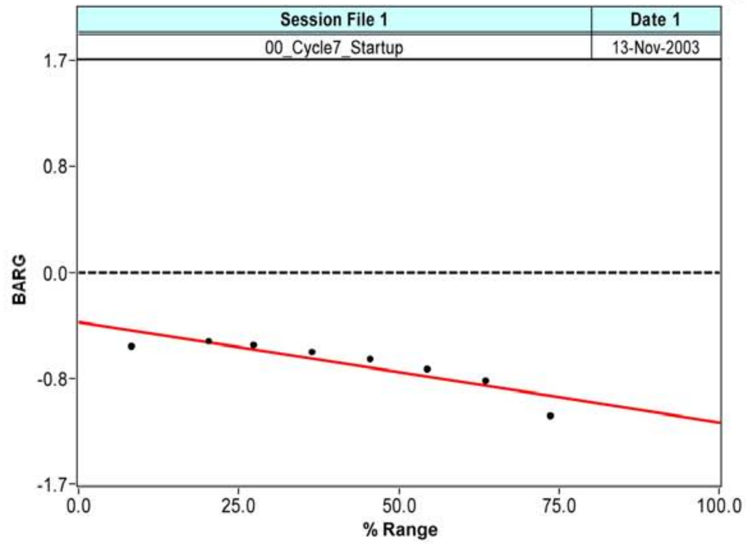
Analysis Information

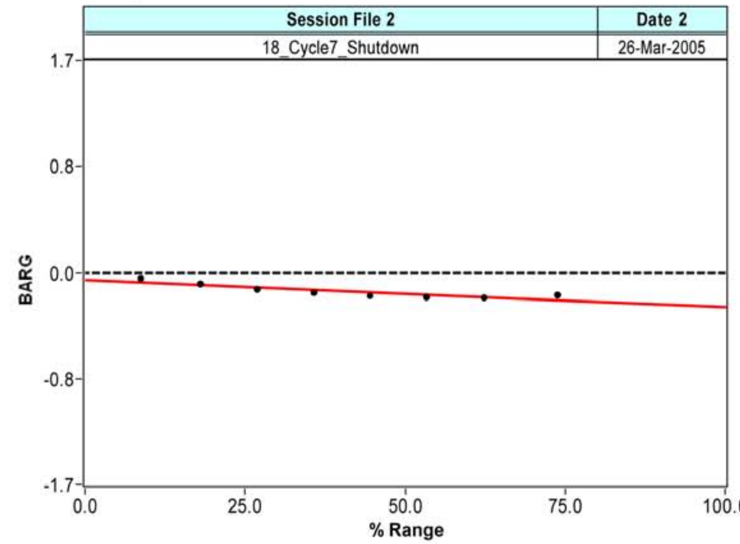
Group				
MAIN STEAM PRESSURE LOOP 3				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0533-W	0.02	-0.05	Good
	1AB-P-0534-W	-0.55	0.37	Good
	1AB-P-0535-W	-0.23	-0.45	Good
	1AB-P-0536-W	-0.25	0.36	Good
	1AB-P-0377-W	0.49	-0.57	Good
	1AB-P-0337-W	0.17	0.06	Good
	1AB-P-0338-W	0.15	0.20	Good
	1AB-P-0375-W	0.12	0.21	Bad
	1AB-P-0374-W	0.15	-0.09	Good

* = Recalibrated Between Date 1 and Date 2

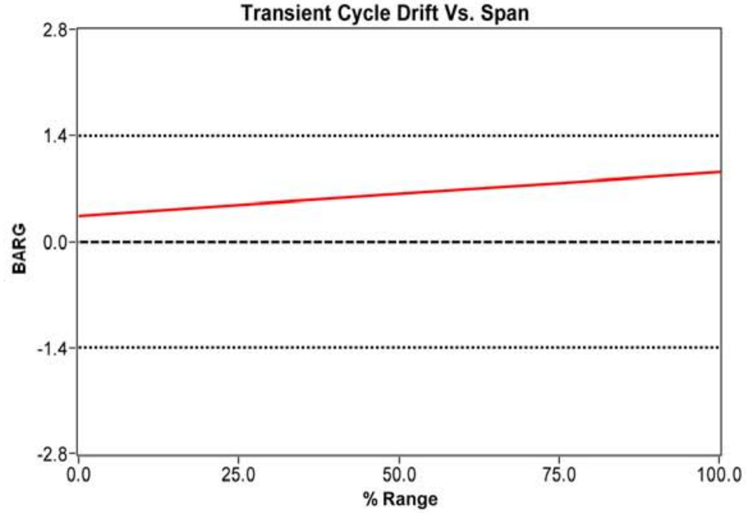
Figure C-69
Main Steam Pressure Loop 3 (1AB-P-0374-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis





Transient Cycle Drift Vs. Span

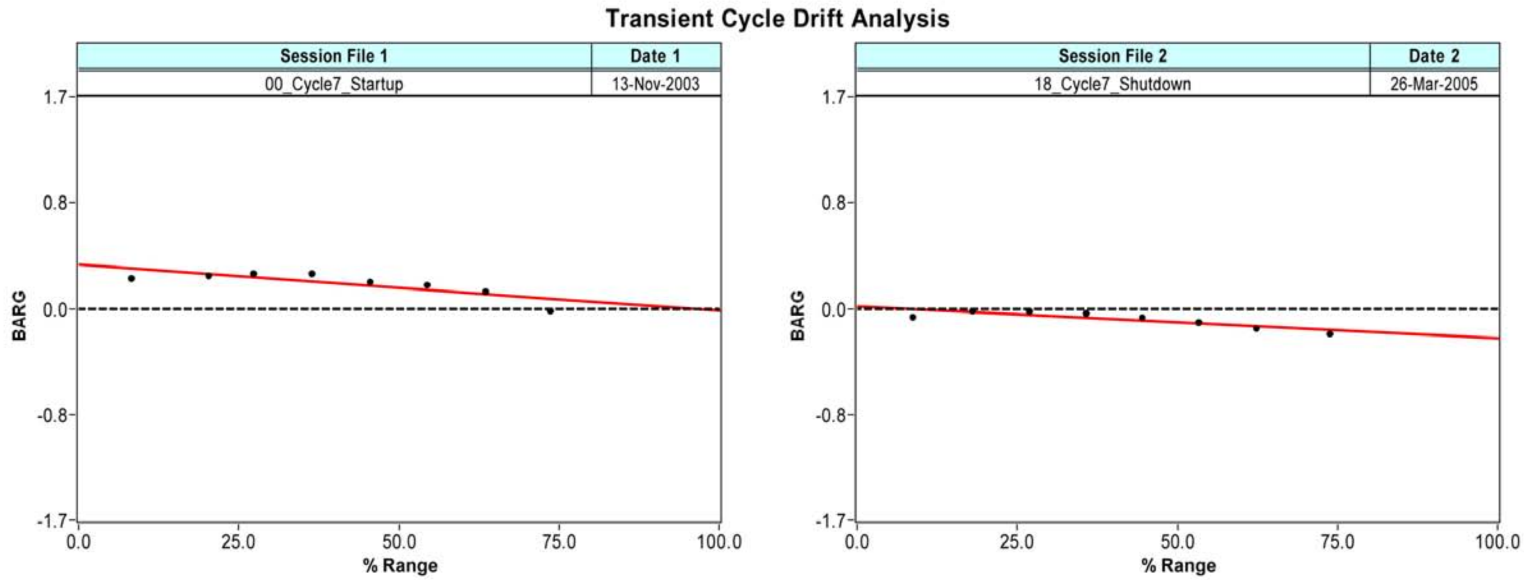


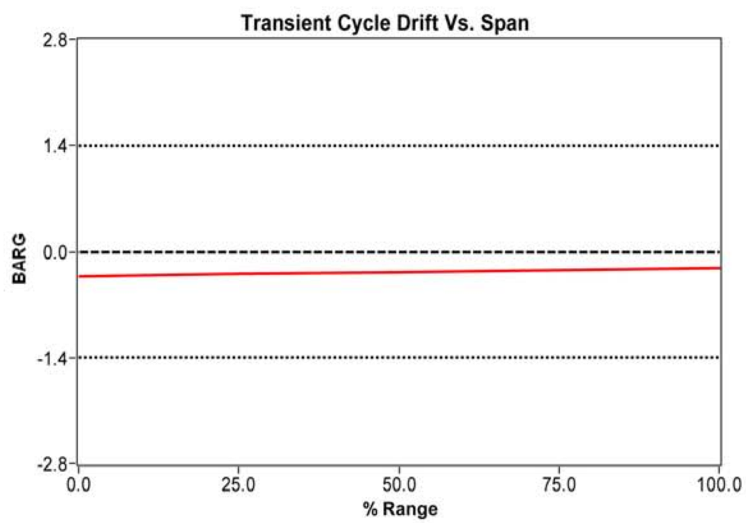
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 4				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0543-W	0.34	0.92	Good
	1AB-P-0544-W	-0.33	-0.22	Good
	1AB-P-0545-W	-0.35	-0.41	Good
	1AB-P-0546-W	0.20	0.19	Good
	1AB-P-0477-W	-0.31	0.35	Good
	1AB-P-0437-W	0.13	0.27	Bad
	1AB-P-0438-W	0.24	0.23	Bad
	1AB-P-0474-W	0.14	0.13	Good
	1AB-P-0475-W	-0.02	0.11	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-70
Main Steam Pressure Loop 4 (1AB-P-0543-W) Transient Drift Analysis: Cycle 7



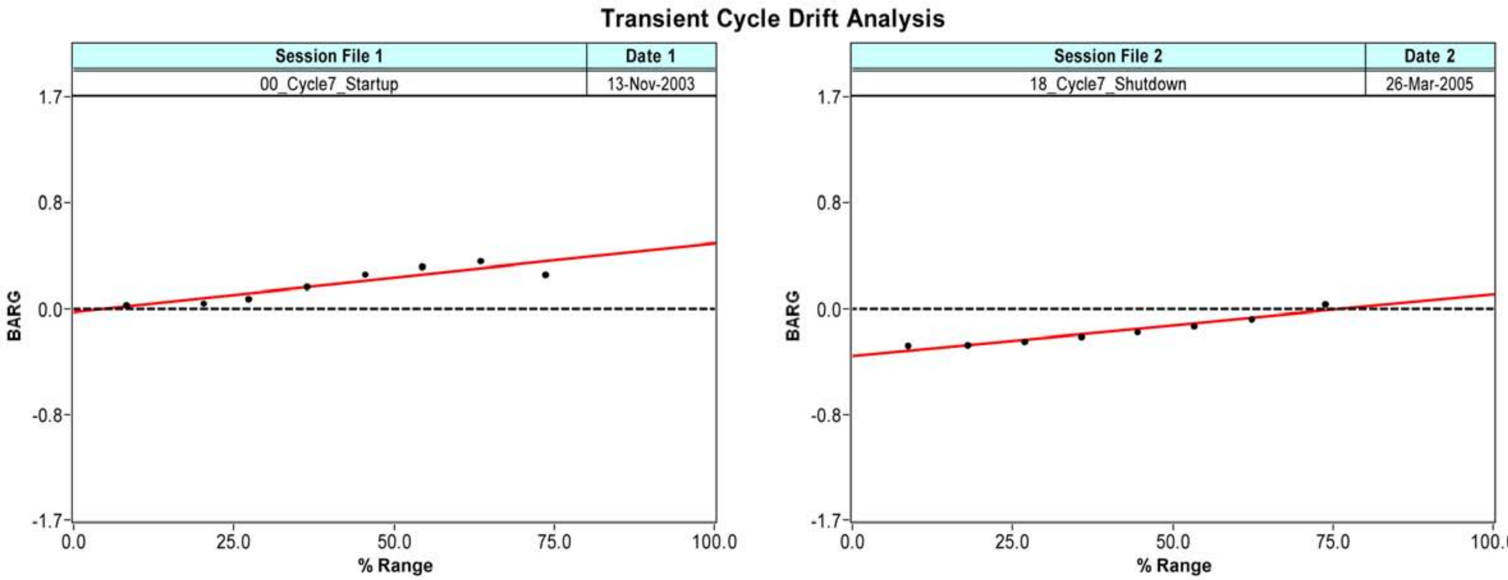


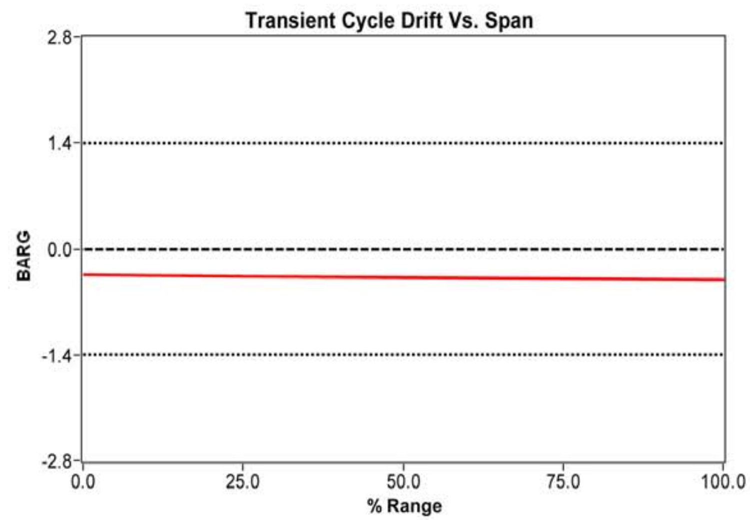
Analysis Information

	Tag ID	Zero Drift	Span Drift	Result
Group				
MAIN STEAM PRESSURE LOOP 4				
	1AB-P-0543-W	0.34	0.92	Good
	1AB-P-0544-W	-0.33	-0.22	Good
	1AB-P-0545-W	-0.35	-0.41	Good
	1AB-P-0546-W	0.20	0.19	Good
	1AB-P-0477-W	-0.31	0.35	Good
	1AB-P-0437-W	0.13	0.27	Bad
	1AB-P-0438-W	0.24	0.23	Bad
	1AB-P-0474-W	0.14	0.13	Good
	1AB-P-0475-W	-0.02	0.11	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-71
Main Steam Pressure Loop 4 (1AB-P-0544-W) Transient Drift Analysis: Cycle 7





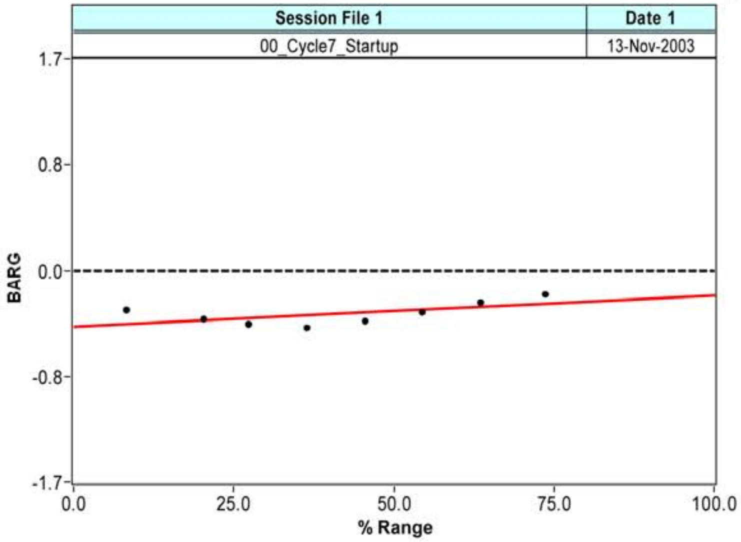
Analysis Information

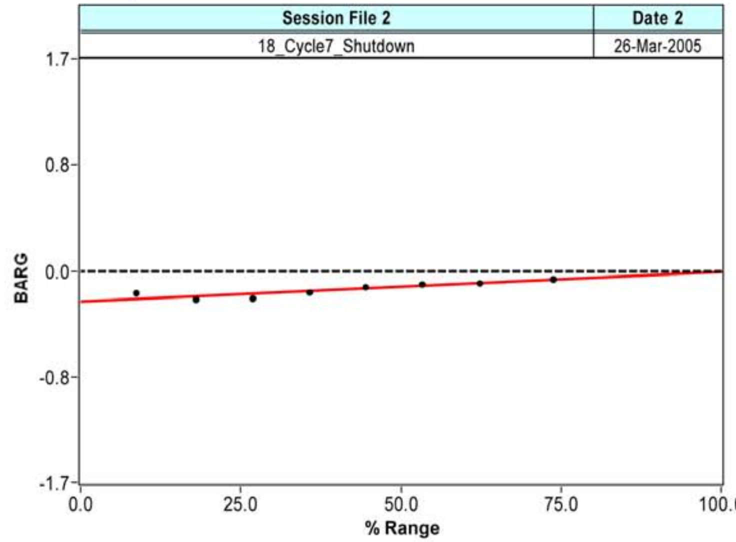
	Tag ID	Zero Drift	Span Drift	Result
Group: MAIN STEAM PRESSURE LOOP 4				
	1AB-P-0543-W	0.34	0.92	Good
	1AB-P-0544-W	-0.33	-0.22	Good
	1AB-P-0545-W	-0.35	-0.41	Good
	1AB-P-0546-W	0.20	0.19	Good
	1AB-P-0477-W	-0.31	0.35	Good
	1AB-P-0437-W	0.13	0.27	Bad
	1AB-P-0438-W	0.24	0.23	Bad
	1AB-P-0474-W	0.14	0.13	Good
	1AB-P-0475-W	-0.02	0.11	Good

* = Recalibrated Between Date 1 and Date 2

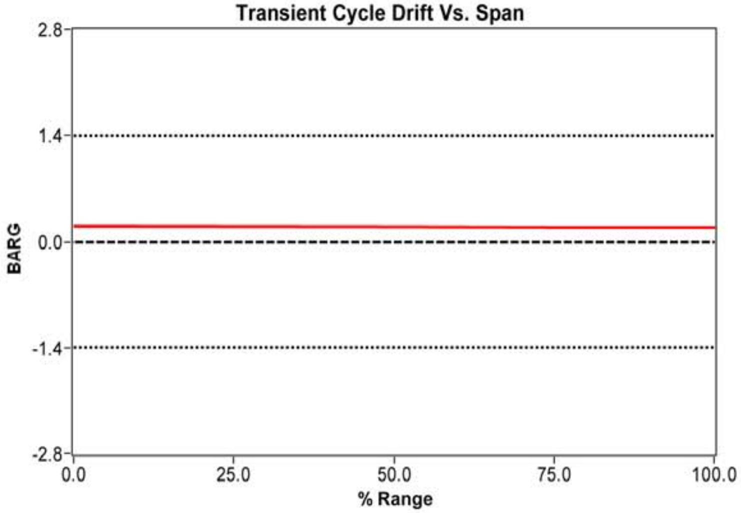
Figure C-72
Main Steam Pressure Loop 4 (1AB-P-0545-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis





Transient Cycle Drift Vs. Span

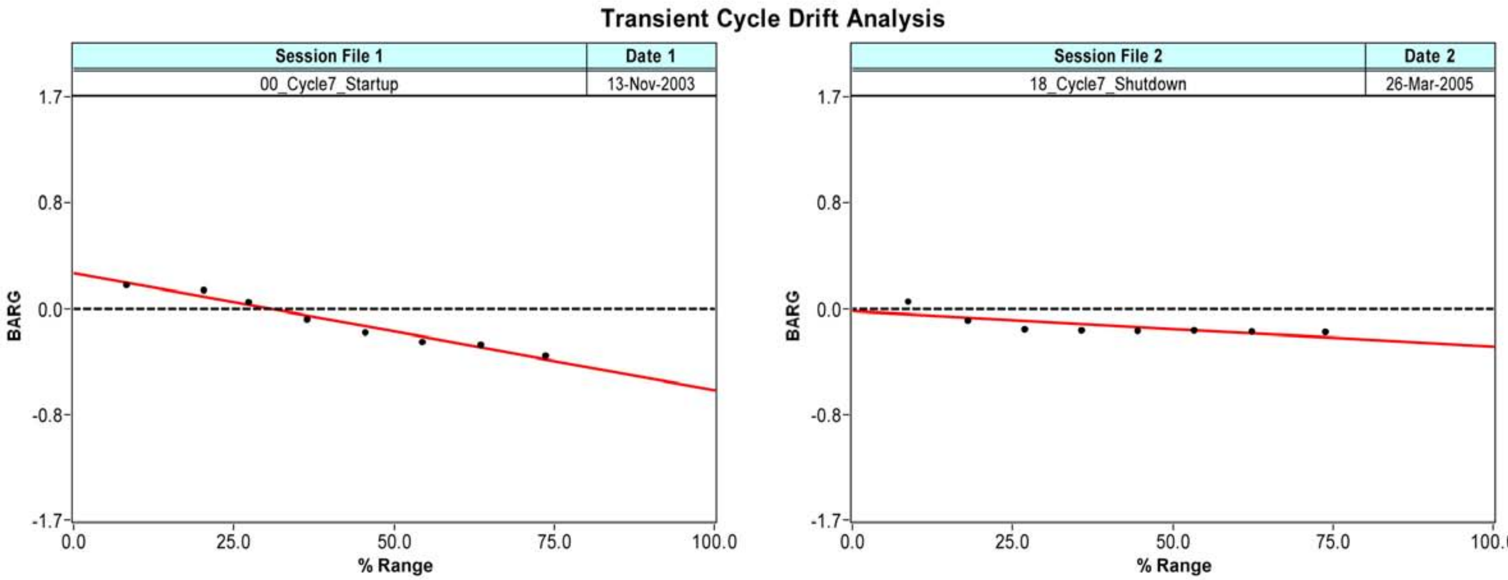


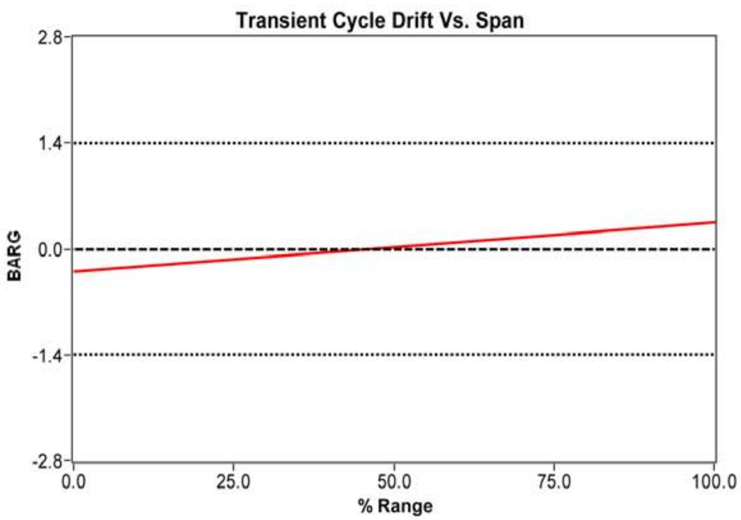
Analysis Information

	Tag ID	Zero Drift	Span Drift	Result
Group: MAIN STEAM PRESSURE LOOP 4				
	1AB-P-0543-W	0.34	0.92	Good
	1AB-P-0544-W	-0.33	-0.22	Good
	1AB-P-0545-W	-0.35	-0.41	Good
	1AB-P-0546-W	0.20	0.19	Good
	1AB-P-0477-W	-0.31	0.35	Good
	1AB-P-0437-W	0.13	0.27	Bad
	1AB-P-0438-W	0.24	0.23	Bad
	1AB-P-0474-W	0.14	0.13	Good
	1AB-P-0475-W	-0.02	0.11	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-73
Main Steam Pressure Loop 4 (1AB-P-0546-W) Transient Drift Analysis: Cycle 7





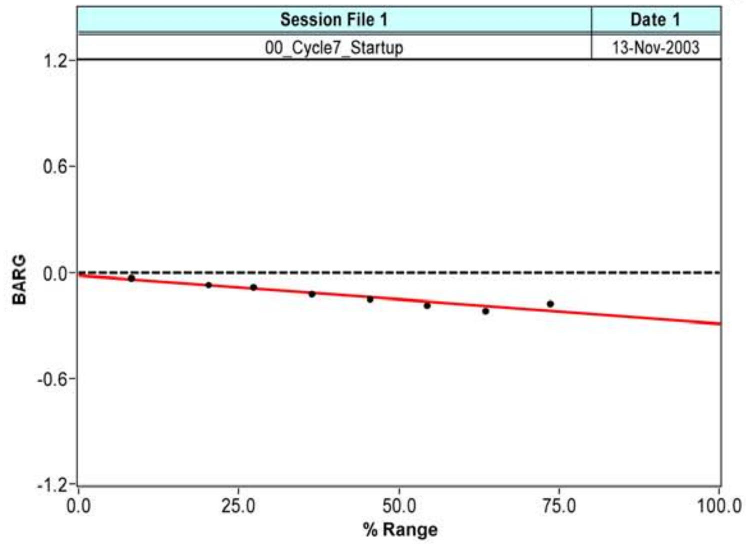
Analysis Information

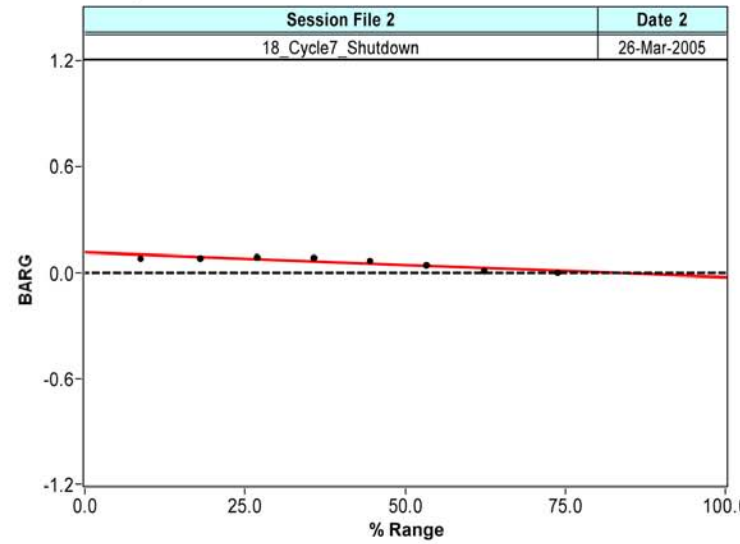
	Group			
	MAIN STEAM PRESSURE LOOP 4			
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0543-W	0.34	0.92	Good
	1AB-P-0544-W	-0.33	-0.22	Good
	1AB-P-0545-W	-0.35	-0.41	Good
	1AB-P-0546-W	0.20	0.19	Good
	1AB-P-0477-W	-0.31	0.35	Good
	1AB-P-0437-W	0.13	0.27	Bad
	1AB-P-0438-W	0.24	0.23	Bad
	1AB-P-0474-W	0.14	0.13	Good
	1AB-P-0475-W	-0.02	0.11	Good

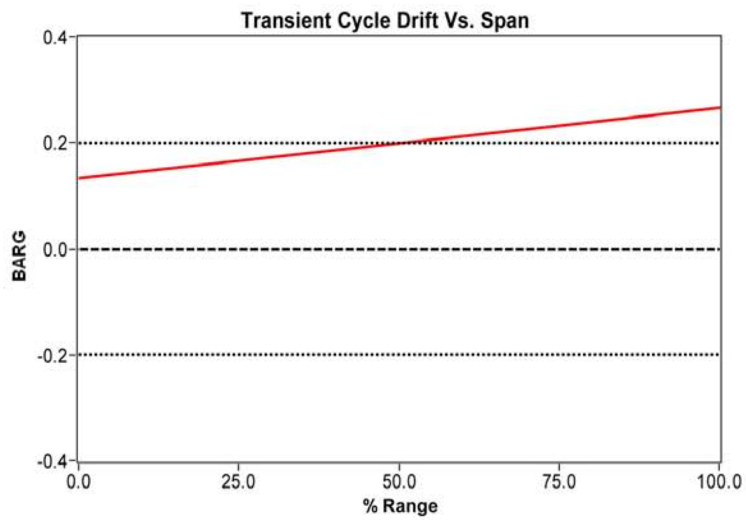
* = Recalibrated Between Date 1 and Date 2

Figure C-74
Main Steam Pressure Loop 4 (1AB-P-0477-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis







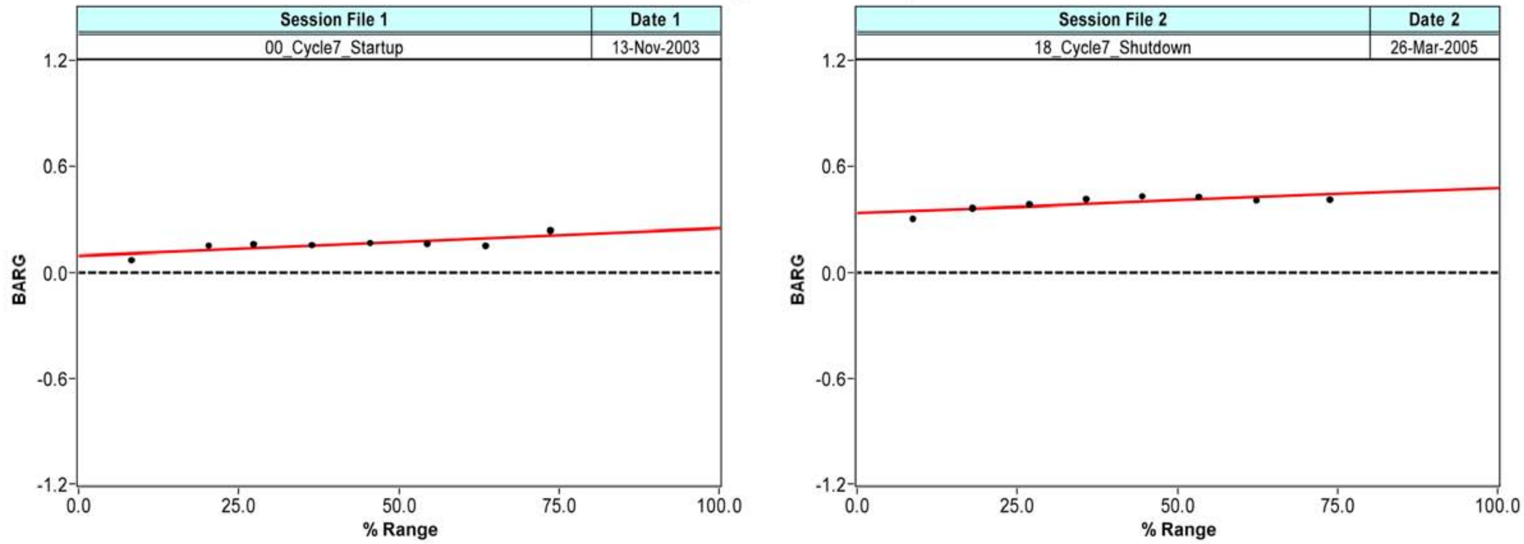
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 4				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0543-W	0.34	0.92	Good
	1AB-P-0544-W	-0.33	-0.22	Good
	1AB-P-0545-W	-0.35	-0.41	Good
	1AB-P-0546-W	0.20	0.19	Good
	1AB-P-0477-W	-0.31	0.35	Good
	1AB-P-0437-W	0.13	0.27	Bad
	1AB-P-0438-W	0.24	0.23	Bad
	1AB-P-0474-W	0.14	0.13	Good
	1AB-P-0475-W	-0.02	0.11	Good

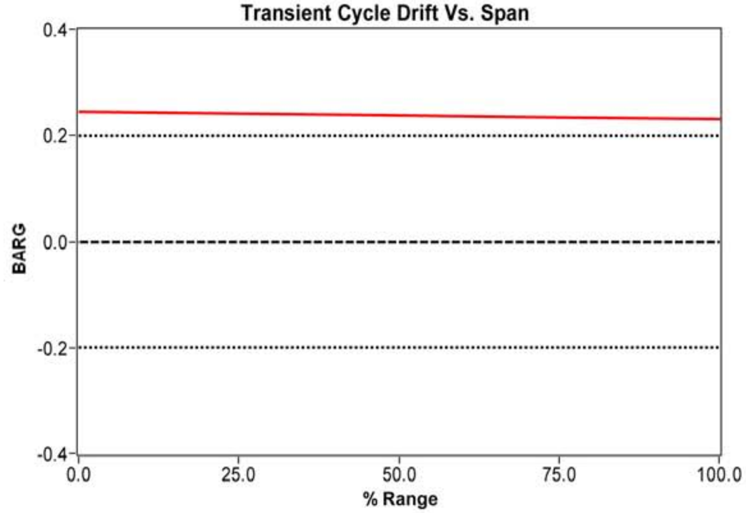
* = Recalibrated Between Date 1 and Date 2

Figure C-75
Main Steam Pressure Loop 4 (1AB-P-0437-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis



Transient Cycle Drift Vs. Span



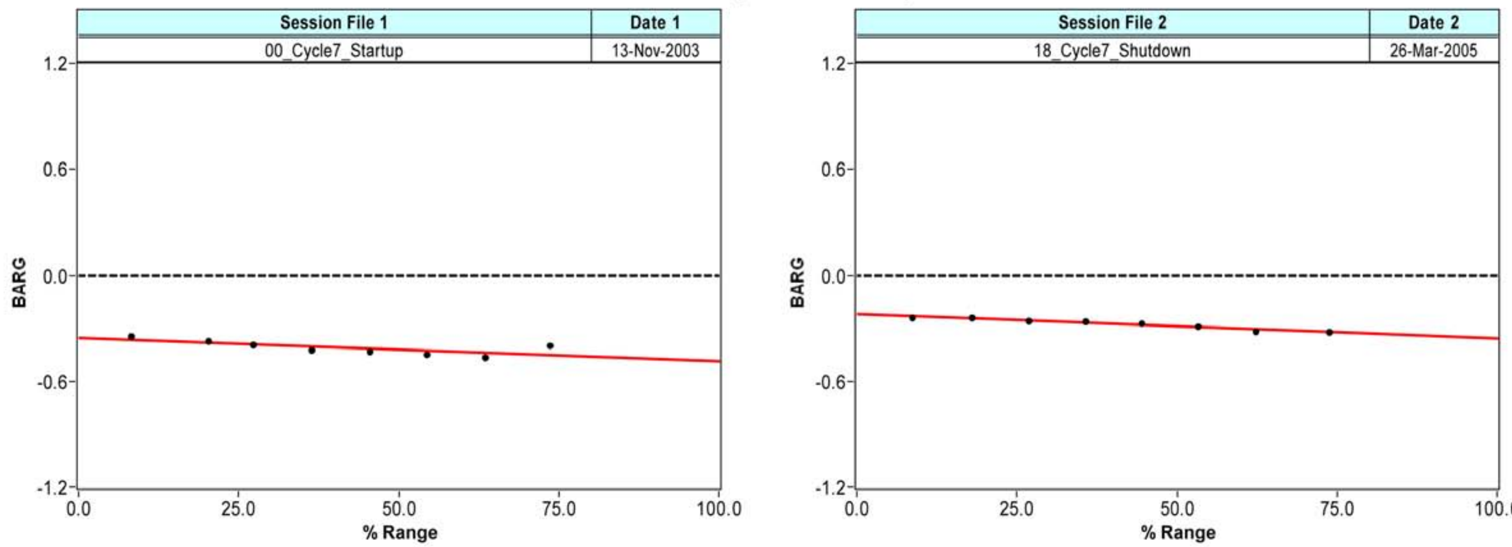
Analysis Information

Group				
MAIN STEAM PRESSURE LOOP 4				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0543-W	0.34	0.92	Good
	1AB-P-0544-W	-0.33	-0.22	Good
	1AB-P-0545-W	-0.35	-0.41	Good
	1AB-P-0546-W	0.20	0.19	Good
	1AB-P-0477-W	-0.31	0.35	Good
	1AB-P-0437-W	0.13	0.27	Bad
	1AB-P-0438-W	0.24	0.23	Bad
	1AB-P-0474-W	0.14	0.13	Good
	1AB-P-0475-W	-0.02	0.11	Good

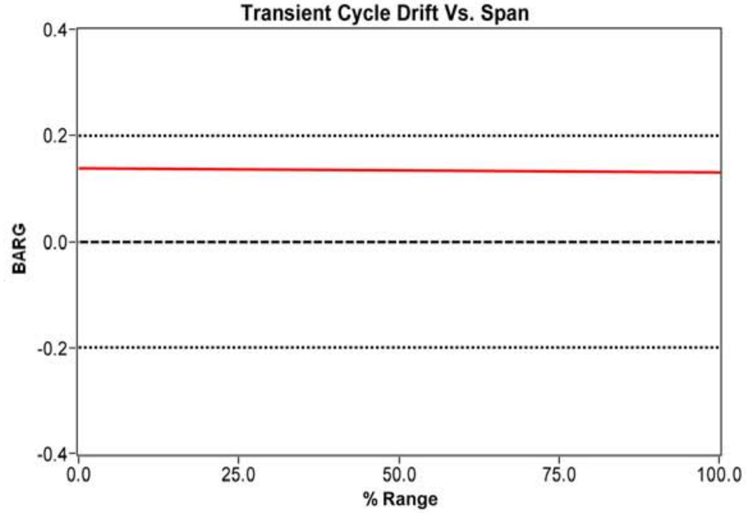
* = Recalibrated Between Date 1 and Date 2

Figure C-76
Main Steam Pressure Loop 4 (1AB-P-0438-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis



Transient Cycle Drift Vs. Span



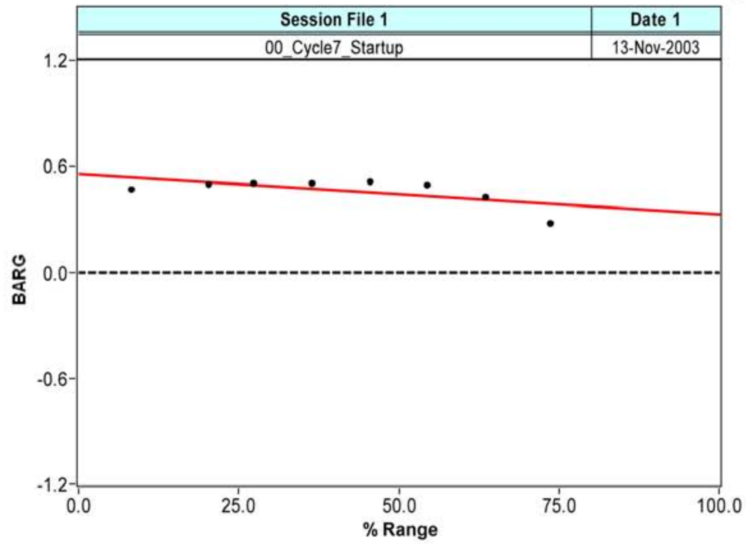
Analysis Information

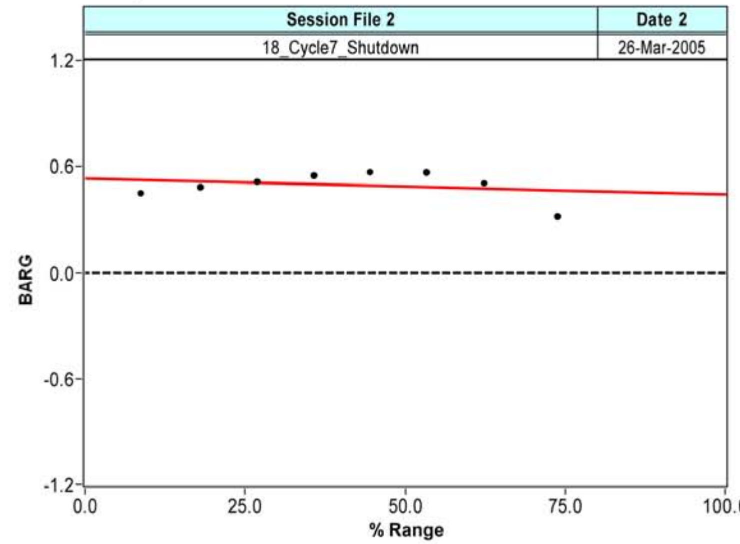
Group				
MAIN STEAM PRESSURE LOOP 4				
	Tag ID	Zero Drift	Span Drift	Result
	1AB-P-0543-W	0.34	0.92	Good
	1AB-P-0544-W	-0.33	-0.22	Good
	1AB-P-0545-W	-0.35	-0.41	Good
	1AB-P-0546-W	0.20	0.19	Good
	1AB-P-0477-W	-0.31	0.35	Good
	1AB-P-0437-W	0.13	0.27	Bad
	1AB-P-0438-W	0.24	0.23	Bad
	1AB-P-0474-W	0.14	0.13	Good
	1AB-P-0475-W	-0.02	0.11	Good

* = Recalibrated Between Date 1 and Date 2

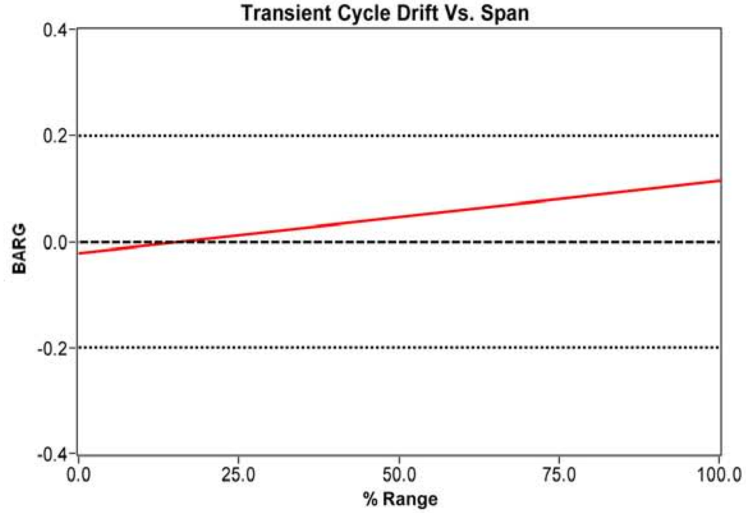
Figure C-77
Main Steam Pressure Loop 4 (1AB-P-0474-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis





Transient Cycle Drift Vs. Span

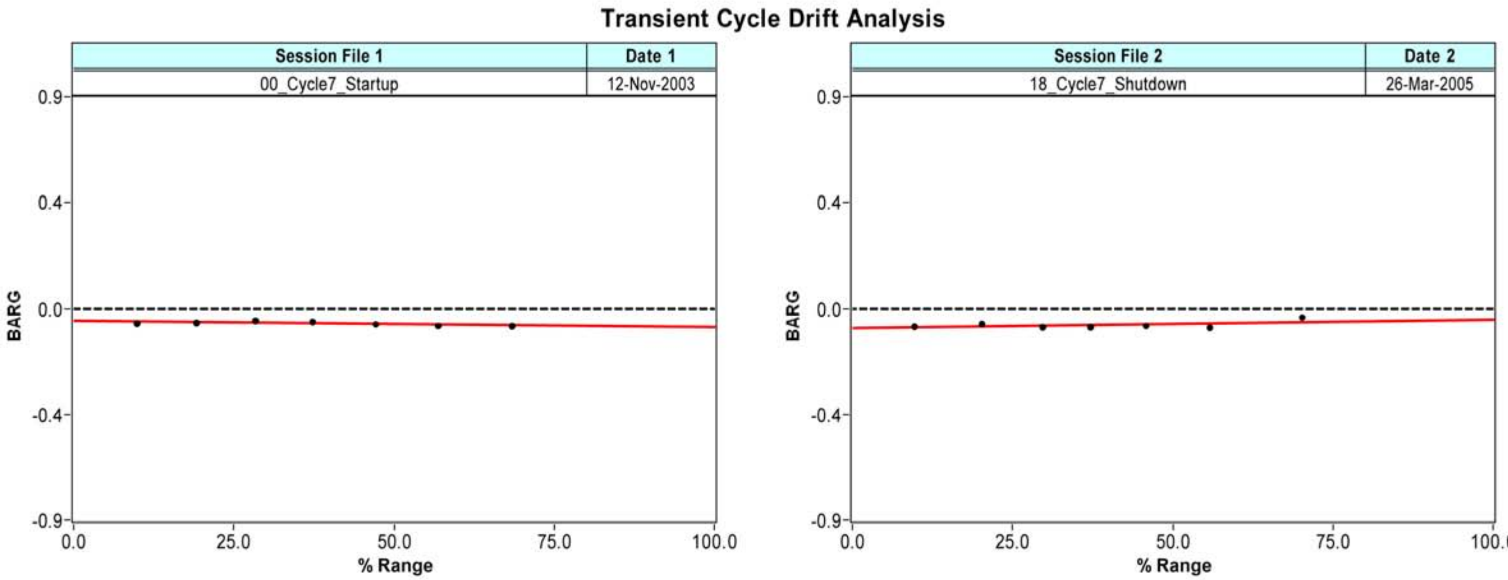


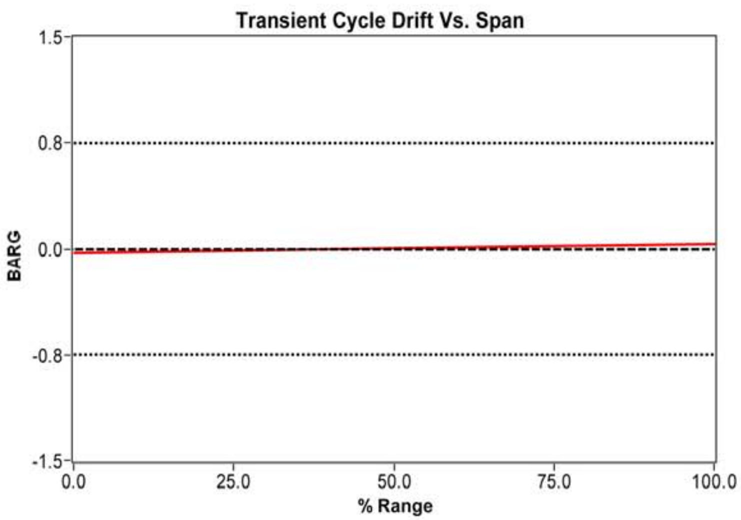
Analysis Information

	Tag ID	Zero Drift	Span Drift	Result
Group: MAIN STEAM PRESSURE LOOP 4				
	1AB-P-0543-W	0.34	0.92	Good
	1AB-P-0544-W	-0.33	-0.22	Good
	1AB-P-0545-W	-0.35	-0.41	Good
	1AB-P-0546-W	0.20	0.19	Good
	1AB-P-0477-W	-0.31	0.35	Good
	1AB-P-0437-W	0.13	0.27	Bad
	1AB-P-0438-W	0.24	0.23	Bad
	1AB-P-0474-W	0.14	0.13	Good
	1AB-P-0475-W	-0.02	0.11	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-78
Main Steam Pressure Loop 4 (1AB-P-0475-W) Transient Drift Analysis: Cycle 7





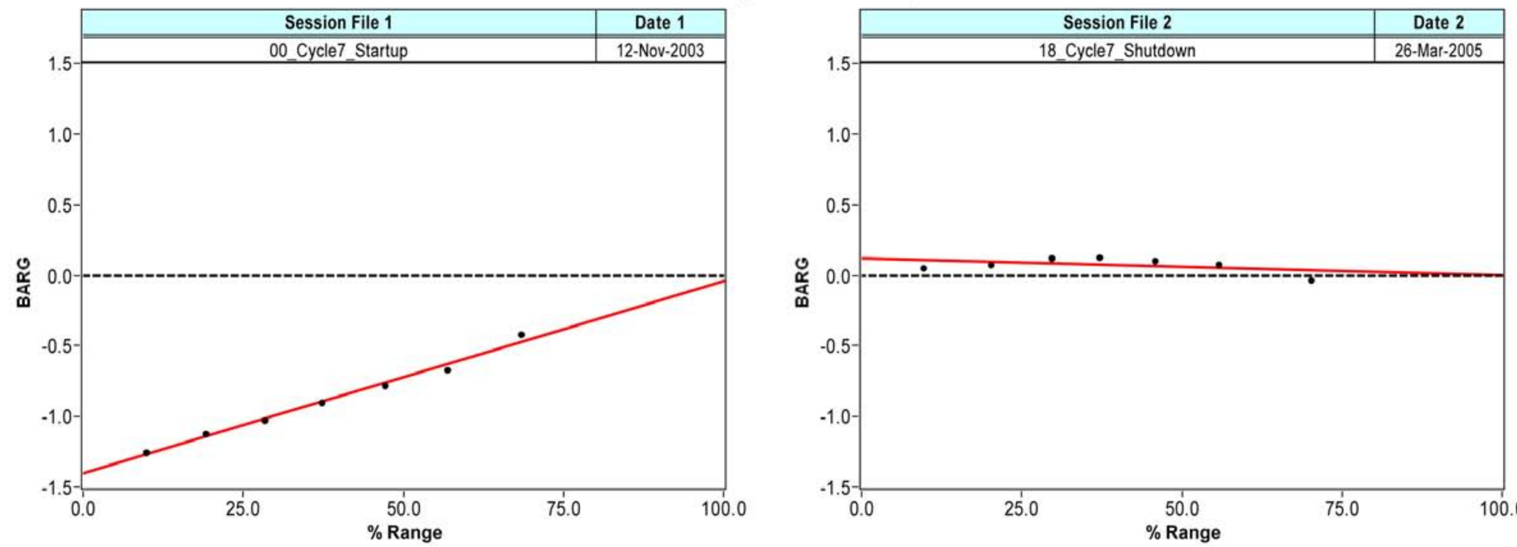
Analysis Information

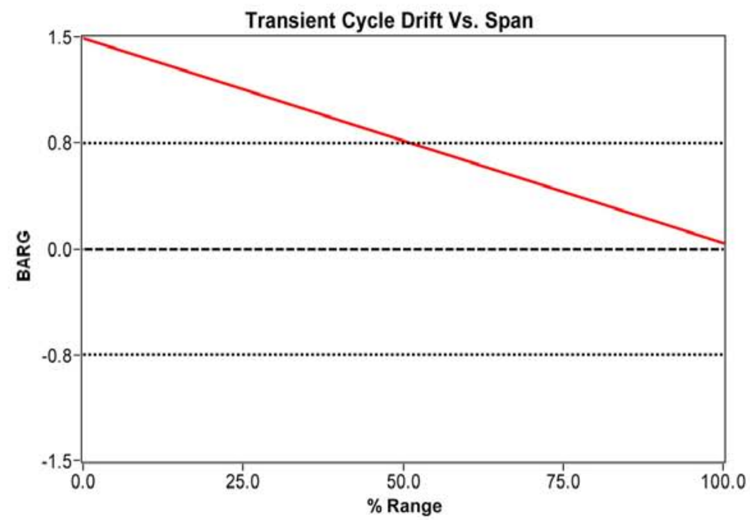
	Tag ID	Zero Drift	Span Drift	Result
Group: PRESSURISER PRESSURE				
	1BB-P-0455-W	-0.03	0.03	Good
	1BB-P-0456-W	1.52	0.04	Bad
	1BB-P-0457-W	-0.11	-0.10	Good
	1BB-P-0458-W	0.03	0.02	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-79
Pressurizer Pressure (1BB-P-0455-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis





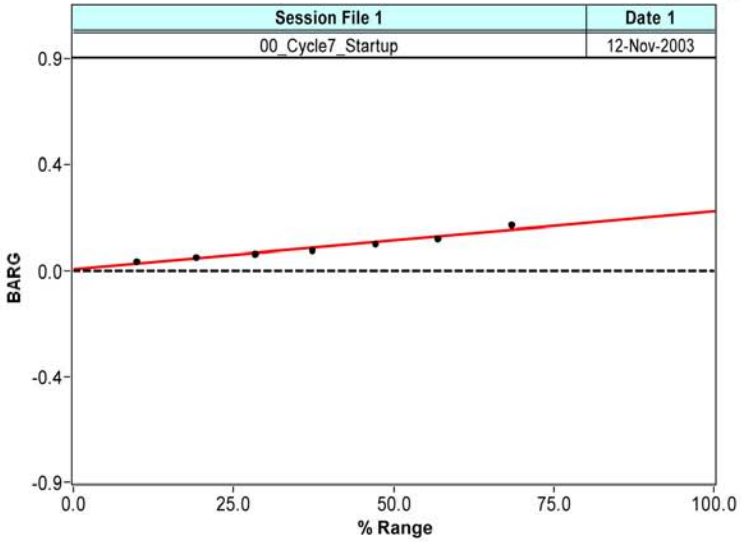
Analysis Information

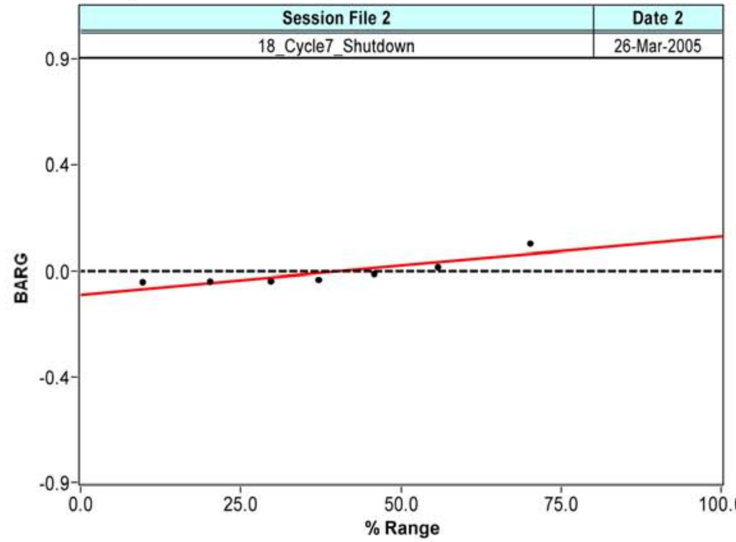
Group				
PRESSURISER PRESSURE				
	Tag ID	Zero Drift	Span Drift	Result
	1BB-P-0455-W	-0.03	0.03	Good
^	1BB-P-0456-W	1.52	0.04	Bad
	1BB-P-0457-W	-0.11	-0.10	Good
	1BB-P-0458-W	0.03	0.02	Good

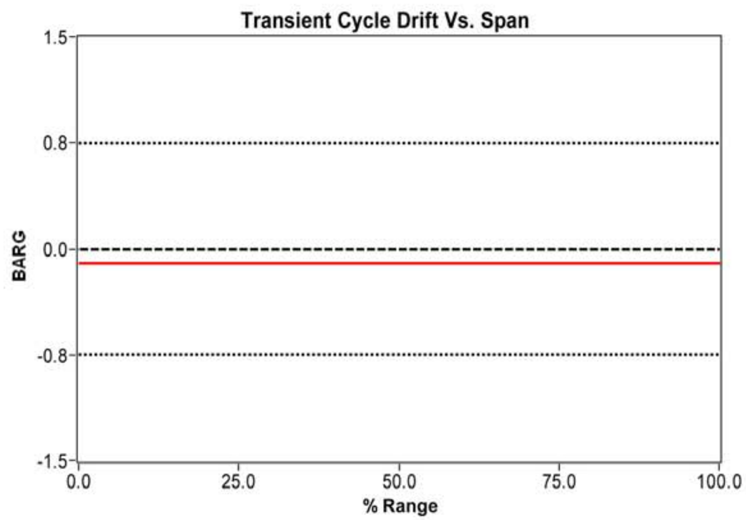
* = Recalibrated Between Date 1 and Date 2

Figure C-80
Pressurizer Pressure (1BB-P-0456-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis







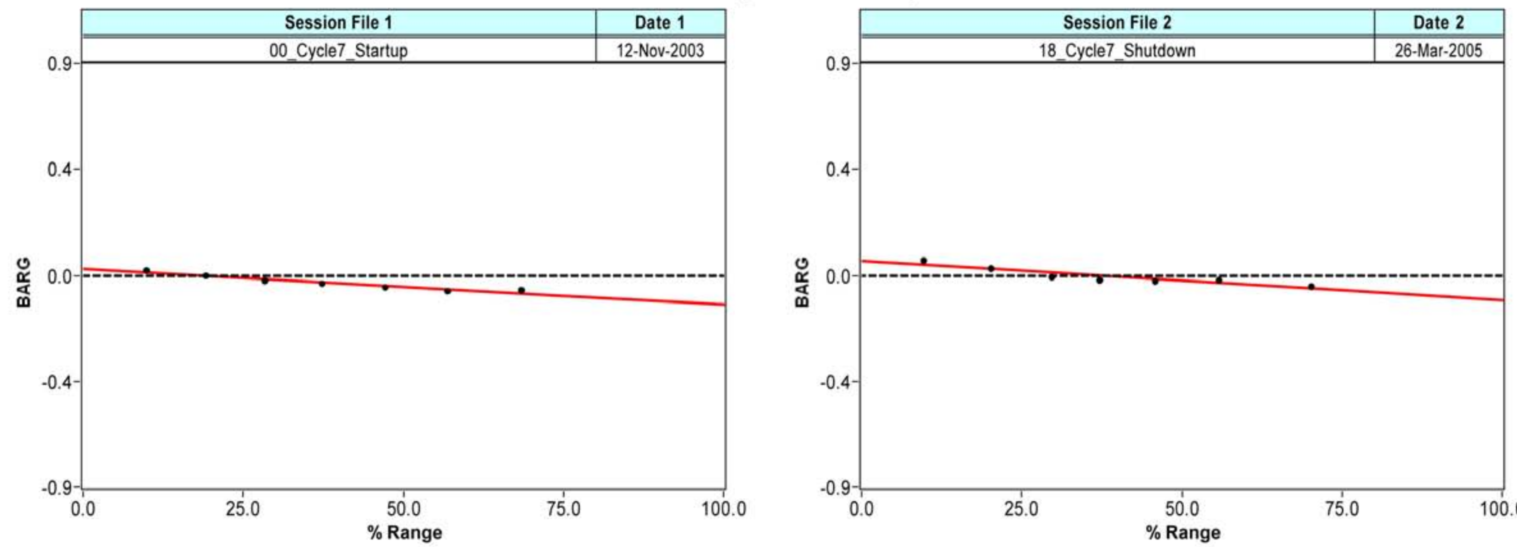
Analysis Information

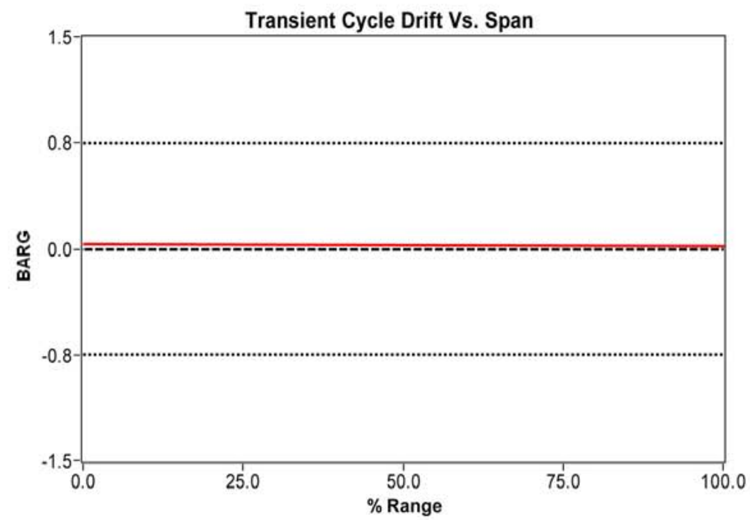
Group				
PRESSURISER PRESSURE				
	Tag ID	Zero Drift	Span Drift	Result
	1BB-P-0455-W	-0.03	0.03	Good
	1BB-P-0456-W	1.52	0.04	Bad
	1BB-P-0457-W	-0.11	-0.10	Good
	1BB-P-0458-W	0.03	0.02	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-81
Pressurizer Pressure (1BB-P-0457-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis



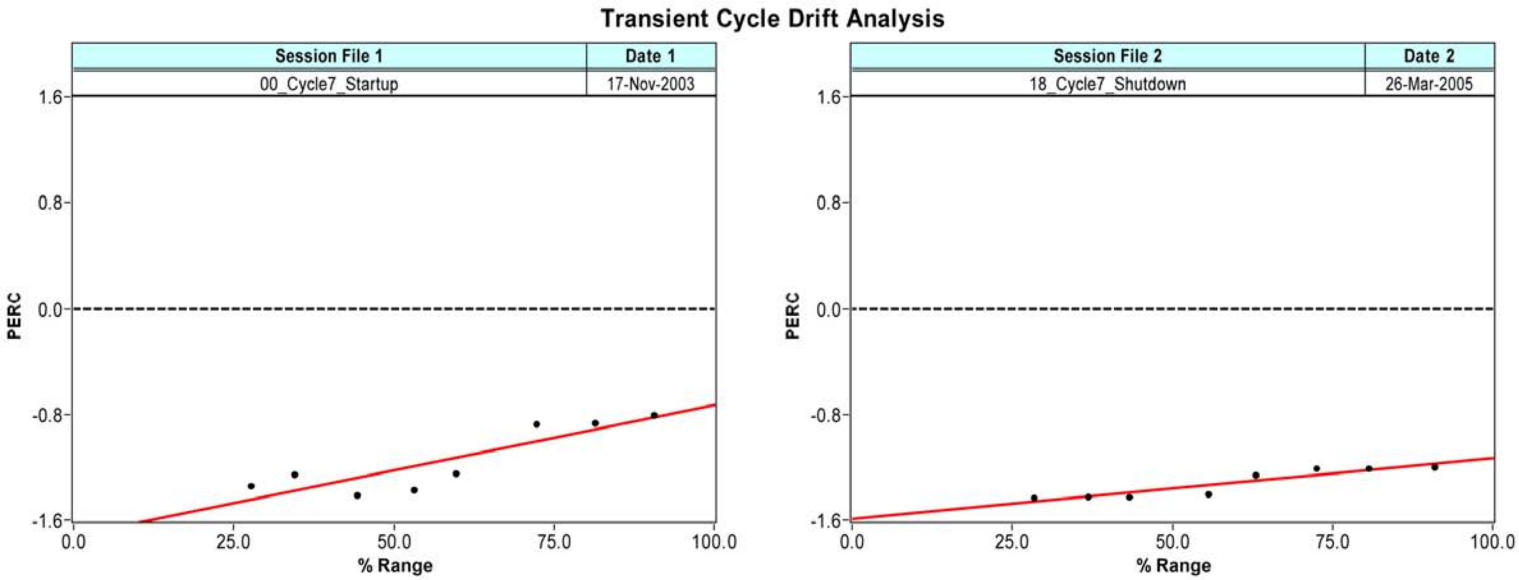


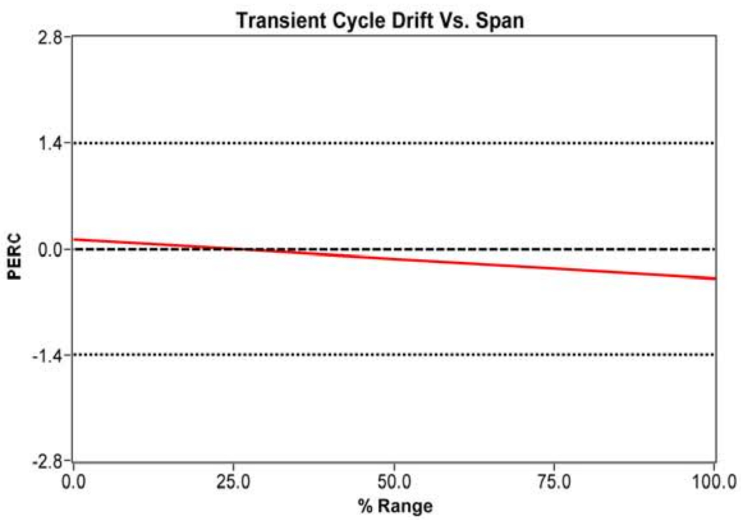
Analysis Information

Group				
PRESSURISER PRESSURE				
	Tag ID	Zero Drift	Span Drift	Result
	1BB-P-0455-W	-0.03	0.03	Good
	1BB-P-0456-W	1.52	0.04	Bad
	1BB-P-0457-W	-0.11	-0.10	Good
	1BB-P-0458-W	0.03	0.02	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-82
Pressurizer Pressure (1BB-P-0458-W) Transient Drift Analysis: Cycle 7



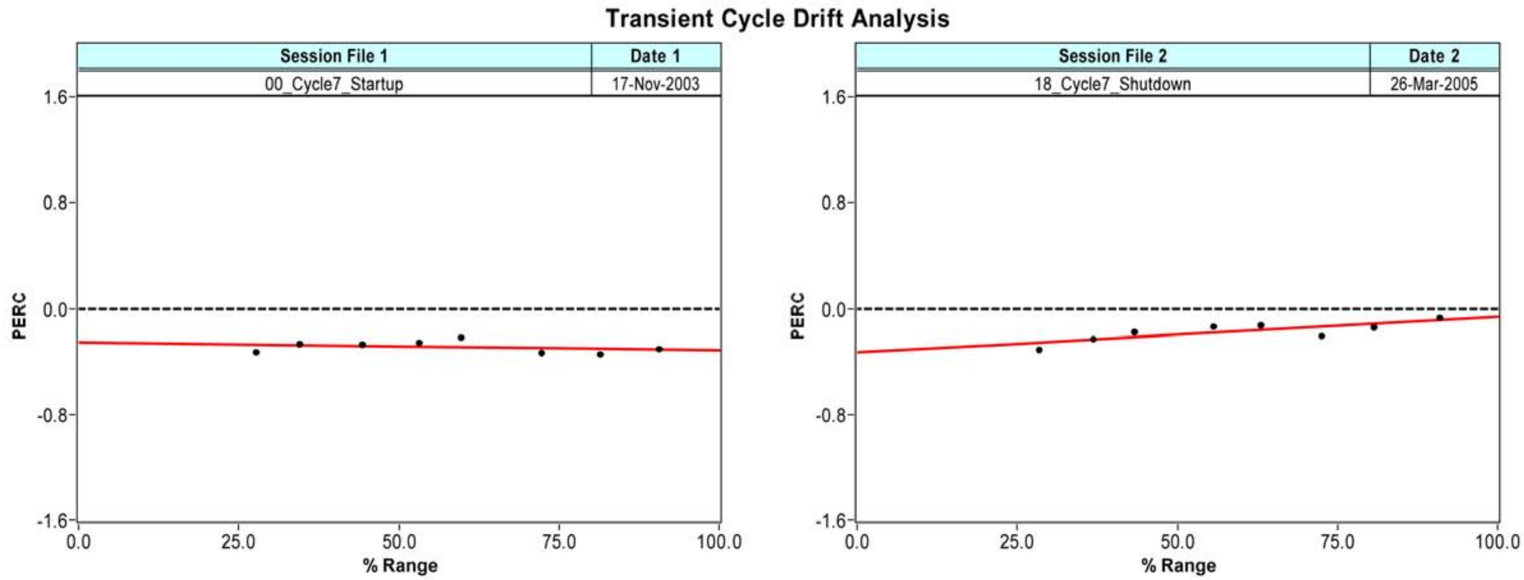


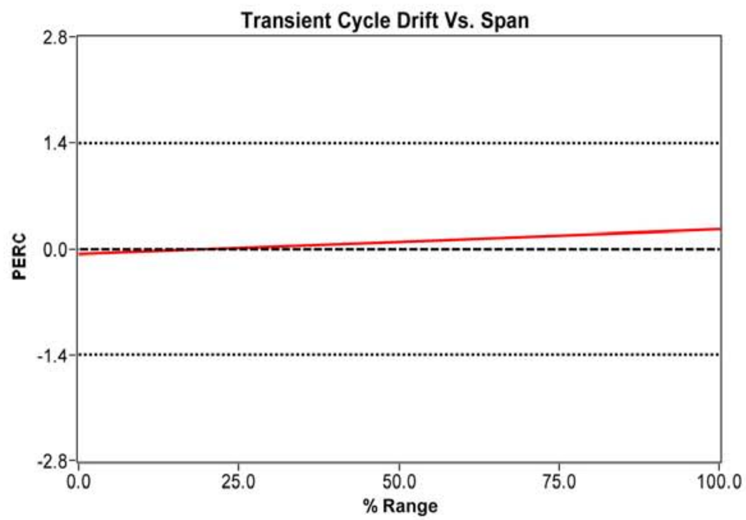
Analysis Information

Group				
PRESSURISER LEVEL				
	Tag ID	Zero Drift	Span Drift	Result
	1BB-L-0465-W	0.13	-0.40	Good
	1BB-L-0466-W	-0.08	0.26	Good
	1BB-L-0467-W	0.13	-0.39	Good
	1BB-L-0468-W	0.07	-0.07	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-83
Pressurizer Level (1BB-L-0465-W) Transient Drift Analysis: Cycle 7





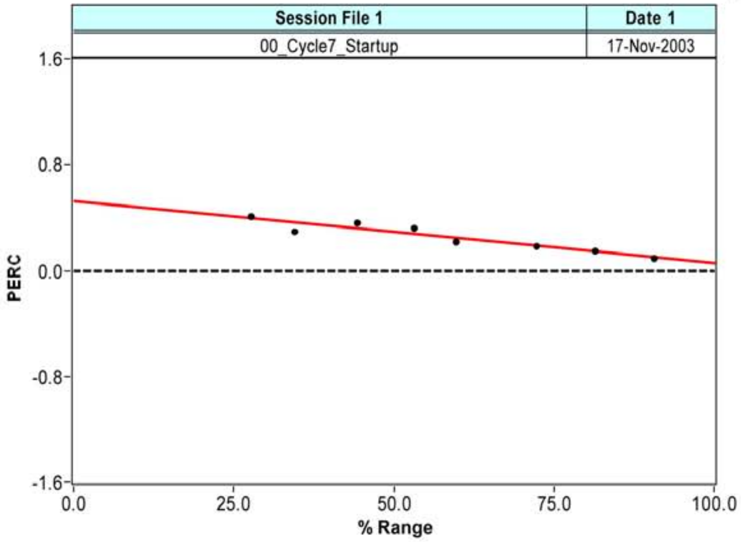
Analysis Information

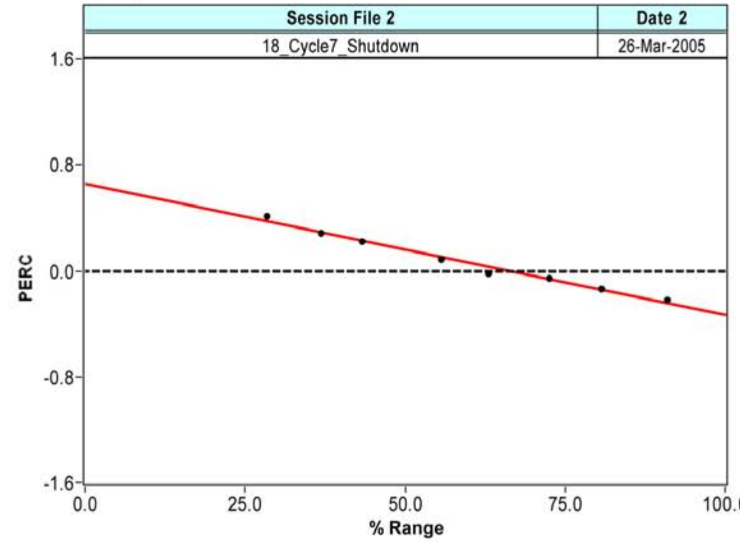
Group				
PRESSURISER LEVEL				
	Tag ID	Zero Drift	Span Drift	Result
	1BB-L-0465-W	0.13	-0.40	Good
	1BB-L-0466-W	-0.08	0.26	Good
	1BB-L-0467-W	0.13	-0.39	Good
	1BB-L-0468-W	0.07	-0.07	Good

* = Recalibrated Between Date 1 and Date 2

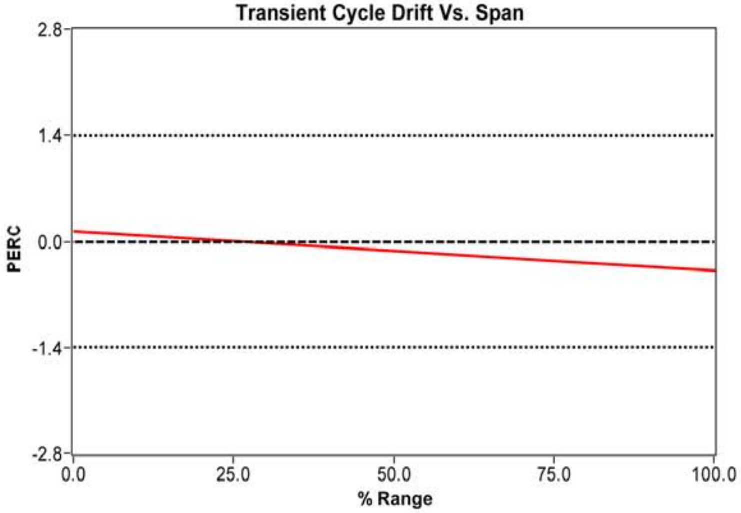
Figure C-84
Pressurizer Level (1BB-L-0466-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis





Transient Cycle Drift Vs. Span



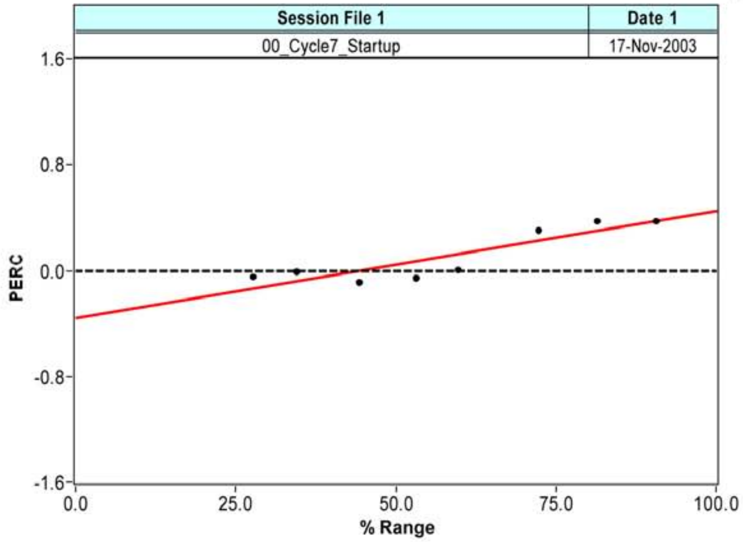
Analysis Information

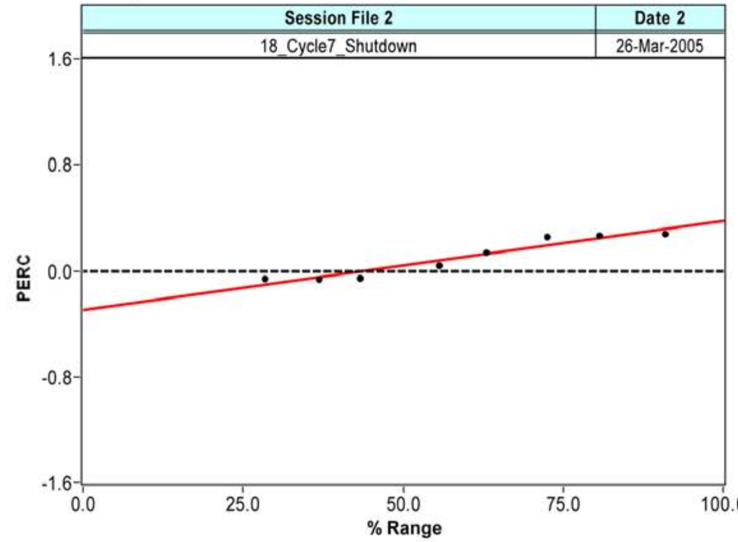
Group				
PRESSURISER LEVEL				
	Tag ID	Zero Drift	Span Drift	Result
	1BB-L-0465-W	0.13	-0.40	Good
	1BB-L-0466-W	-0.08	0.26	Good
	1BB-L-0467-W	0.13	-0.39	Good
	1BB-L-0468-W	0.07	-0.07	Good

* = Recalibrated Between Date 1 and Date 2

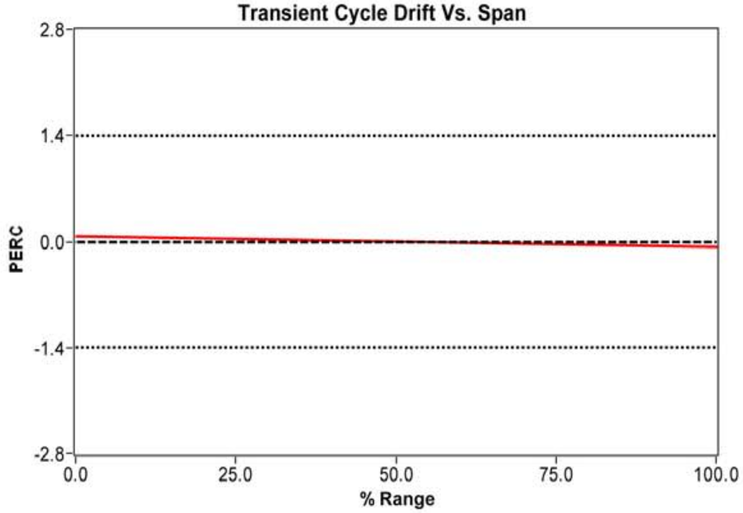
Figure C-85
Pressurizer Level (1BB-L-0467-W) Transient Drift Analysis: Cycle 7

Transient Cycle Drift Analysis





Transient Cycle Drift Vs. Span



Analysis Information

Group				
PRESSURISER LEVEL				
	Tag ID	Zero Drift	Span Drift	Result
	1BB-L-0465-W	0.13	-0.40	Good
	1BB-L-0466-W	-0.08	0.26	Good
	1BB-L-0467-W	0.13	-0.39	Good
	1BB-L-0468-W	0.07	-0.07	Good

* = Recalibrated Between Date 1 and Date 2

Figure C-86
Pressurizer Level (1BB-L-0468-W) Transient Drift Analysis: Cycle 7

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