

**SPP TLR 5 Investigation Report**  
**Flowgate 6145**  
**(Lake Rd. – Alabama 161 kV for loss of latan – Stranger Creek 345 kV)**  
**(LAKALAIATSTR)**  
**TLR Level 5: January 16, 2010**  
**Report Issued: February 1, 2010**

**1. Description of purpose/cause of hold/curtailment.**

This report is submitted in accordance with the NERC Transmission Loading Relief Investigation Procedure for the Level 5 TLR event that occurred on Flowgate 6145 on January 16, 2010. Flowgate 6145 is an SPP flowgate. The Level 5 TLR was in effect from 5:00 until 7:00 CST on January 16, 2010. High North – South flows coupled with an increase in external impacts < 5% caused the projected post-contingent flows on the Lake Road – Alabama 161 kV line to exceed the SOL.

**2. Facility/flowgate limitations and flows at the time the TLR was initiated.**

At the time the Level 5A TLR was issued, the Limiting Element was rated at 184 MVA. Flow on the Limiting Element was 93 MVA. Flow on the Contingent Element was 597 MVA. The LODF was approximately 13%. Post-contingent flow on the Limiting Element was approximately 165 MVA.

**3. TLR levels, timing, and relief requested amounts.**

TLRs levels, timing and relief requested amounts are shown in the Event History and NERC TLR Log on pages 3-8.

**4. Transmission and generation outages or changes from prediction that may have contributed.**

There were no unplanned outages that contributed to this TLR.

**5. Procedures implemented prior to hold/curtailment.**

There were not enough non-firm transactions and market flows to provide the necessary relief on the flowgate. The TLR was escalated to a Level 5 in order to curtail firm transactions and firm market flow to relieve loading.

**6. The initial investigation shall compare all transaction curtailment lists as generated by the IDC with the list of transactions flowing as determined by the IDC (Whole Transaction Lists) both before and after curtailment. The reasons for any transactions that were excluded from curtailment shall be provided. For those transactions not curtailed, the Reliability Authority will identify those entities and any affiliation with said entities.**

There were no known transactions excluded from curtailment for this TLR.

**7. List of known transactions not in the IDC with Transaction Contribution Factors greater than the curtailment threshold and actions taken to curtail such transactions.**

There were no known transactions not in the IDC.

**8. Excerpts from the RA Operations Log containing information relevant to the TLR event.**

Information was provided to Reliability Coordinators through the IDC and the RCIS. Also the SPP Reliability Coordinators logged information describing the actions taken at each issuance of the TLR, see pages 9-10. Times in the RC Log are CST.

**9. Flowgate limitations as identified by security analysis processes conducted by the Reliability Authority for the day prior to the TLR event.**

The next day study process did not indicate an issue with this flowgate based upon conditions at the time of the daily peak.

**10. State Estimator snapshots and security analysis, including any contingency analysis or stability analysis, along with any other recorded data indicating need for TLR.**

The SPP Reliability Coordinator was monitoring their state estimator, RTCA and RTLODF applications for current flowgate loading and other potential issues during this time. eDNA data historian recorded all line flows before, during and after the Level 5 TLR event, see page 11.

**11. ATC limitations before, during, and after the TLR event.**

SPP Tariff Administration grants transmission service using an AFC process. This process evaluates each transmission request on a case by case basis. SPP Tariff Administration was not granting any transmission requests that impacted the congested flowgate by 3 % or greater at the time of the Level 5 TLR.

**12. Description of actions taken to avoid future hold/curtailments.**

This TLR was caused by a combination of generation patterns, load, and North to South loading on the transmission system which typically shows up on this flowgate.

**13. Provide IDC generated Congestion Management Reports showing transaction curtailment list and Control Area NNL (network and native load) curtailment responsibility.**

Congestion Management Reports for each issuance of the TLR have been reviewed and are archived in the IDC. These screen shots have not been included to reduce the size of this report.

**14. Re-dispatch actions taken.**

SPP EIS Market redispatch was implemented during the entire TLR event. Firm and non-firm Market Flow were reduced on the flowgate as reported in the TLR Event History and NERC TLR Log on pages 3-8. AECI re-dispatched to provide relief for NNL responsibility during this TLR.

## TLR Event History

### 6145 - Lake Road-Nashua 161 flo latan-Stranger Creek 345kV

Status	TLR Level	TLR Date (CST)	TLR Confirm Time (CST)	Run Time (CST)	Requested Relief	Remaining Relief	Relief Provided	Total Cuts	
								Tags	MW
SUPERSEDED	3B	01/15/2010 22:15	01/15/2010 22:01	01/15/2010 22:01:14	20.0	20.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/16/2010 00:00	01/15/2010 23:28	01/15/2010 23:28:15	21.0	15.3	5.7	1	12
<a href="#">SUPERSEDED</a>	3A	01/16/2010 01:00	01/16/2010 00:26	01/16/2010 00:25:59	46.0	27.3	18.7	1	12
<a href="#">SUPERSEDED</a>	3A	01/16/2010 02:00	01/16/2010 01:26	01/16/2010 01:25:38	44.0	27.3	16.7	1	12
<a href="#">SUPERSEDED</a>	3A	01/16/2010 03:00	01/16/2010 02:26	01/16/2010 02:25:49	55.0	38.3	16.7	1	12
<a href="#">SUPERSEDED</a>	3A	01/16/2010 04:00	01/16/2010 03:26	01/16/2010 03:25:59	63.0	46.3	16.7	1	12
<a href="#">SUPERSEDED</a>	5A	01/16/2010 05:00	01/16/2010 04:27	01/16/2010 04:26:17	0.0	0.0	17.7	1	12
<a href="#">SUPERSEDED</a>	5A	01/16/2010 06:00	01/16/2010 05:27	01/16/2010 05:26:26	41.0	0.0	41.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/16/2010 07:00	01/16/2010 06:29	01/16/2010 06:28:32	42.9	28.9	14.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/16/2010 08:00	01/16/2010 07:28	01/16/2010 07:27:51	58.0	42.5	15.5	1	50
<a href="#">SUPERSEDED</a>	3A	01/16/2010 09:00	01/16/2010 08:27	01/16/2010 08:27:15	49.0	33.5	15.5	1	50
<a href="#">SUPERSEDED</a>	3A	01/16/2010 10:00	01/16/2010 09:28	01/16/2010 09:27:41	30.0	27.5	2.5	1	50
<a href="#">SUPERSEDED</a>	3A	01/16/2010 11:00	01/16/2010 10:31	01/16/2010 10:31:30	26.0	23.5	2.5	1	50
<a href="#">SUPERSEDED</a>	3A	01/16/2010 12:00	01/16/2010 11:27	01/16/2010 11:27:20	30.0	27.5	2.5	1	50
<a href="#">SUPERSEDED</a>	3A	01/16/2010 13:00	01/16/2010 12:27	01/16/2010 12:27:26	50.0	50.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/16/2010 14:00	01/16/2010 13:27	01/16/2010 13:27:23	55.0	55.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/16/2010 15:00	01/16/2010 14:27	01/16/2010 14:27:10	49.0	49.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/16/2010 16:00	01/16/2010 15:28	01/16/2010 15:28:31	32.0	32.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/16/2010 17:00	01/16/2010 16:27	01/16/2010 16:27:10	27.0	27.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/16/2010 18:00	01/16/2010 17:28	01/16/2010 17:27:53	54.0	46.0	8.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/16/2010 19:00	01/16/2010 18:28	01/16/2010 18:27:59	72.0	58.0	14.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/16/2010 20:00	01/16/2010 19:26	01/16/2010 19:25:55	47.0	41.0	6.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/16/2010 21:00	01/16/2010 20:26	01/16/2010 20:26:33	82.0	79.0	3.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/16/2010 22:00	01/16/2010 21:27	01/16/2010 21:26:28	48.0	48.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/16/2010 23:00	01/16/2010 22:26	01/16/2010 22:26:11	59.0	59.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/17/2010 00:00	01/16/2010 23:28	01/16/2010 23:25:55	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/17/2010 01:00	01/17/2010 00:28	01/17/2010 00:28:10	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/17/2010 02:00	01/17/2010 01:29	01/17/2010 01:29:13	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/17/2010 03:00	01/17/2010 02:30	01/17/2010 02:29:45	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/17/2010 04:00	01/17/2010 03:30	01/17/2010 03:30:08	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/17/2010 05:00	01/17/2010 04:28	01/17/2010 04:27:43	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/17/2010 06:00	01/17/2010 05:26	01/17/2010 05:25:53	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/17/2010 07:00	01/17/2010 06:27	01/17/2010 06:27:18	12.0	11.8	0.2	1	2
<a href="#">SUPERSEDED</a>	3A	01/17/2010 08:00	01/17/2010 07:27	01/17/2010 07:27:17	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/17/2010 09:00	01/17/2010 08:27	01/17/2010 08:27:06	0.0	0.0	0.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/17/2010 10:00	01/17/2010 09:27	01/17/2010 09:27:14	1.0	0.0	1.0	0	0
<a href="#">SUPERSEDED</a>	3A	01/17/2010 11:00	01/17/2010 10:26	01/17/2010 10:25:39	29.0	21.8	7.2	1	2
<a href="#">SUPERSEDED</a>	3A	01/17/2010 12:00	01/17/2010 11:26	01/17/2010 11:25:34	16.0	9.8	6.2	1	2
<a href="#">SUPERSEDED</a>	3A	01/17/2010 13:00	01/17/2010 12:26	01/17/2010 12:26:09	0.0	0.0	0.0	0	0
<a href="#">TERMINATED</a>	0	01/17/2010 13:20	01/17/2010 13:10	01/17/2010 13:09:38	0.0	0.0	0.0	0	0



Jan 16 05:27	TLR 5A	NEXT	NONE	AECI Total	3.0 3.0	3.0 3.0	ED-2 ED-6 FIRM-7 FIRM-CREDIT Total	SWPP SWPP SWPP SWPP	14.0 24.1 0.0 0.0 38.1	14.0 24.1 0.0 0.0 38.1	95	172	613	N/A
Jan 16 06:29	TLR 3A	NEXT	NONE	NONE			ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	14.0 0.0 0.0 14.0	14.0 0.0 0.0 14.0	98	176	616	N/A
Jan 16 07:28	TLR 3A	NEXT	NONE	NONE			ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	13.0 0.0 0.0 13.0	13.0 0.0 0.0 13.0	98	176	614	N/A
Jan 16 08:27	TLR 3A	NEXT	NONE	NONE			ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	6.0 7.0 0.0 13.0	6.0 7.0 0.0 13.0	92	165	575	N/A
Jan 16 09:28	TLR 3A	NEXT	NONE	NONE			ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	109	185	602	N/A
Jan 16 10:31	TLR 3A	NEXT	NONE	NONE			ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	111	187	600	N/A
Jan 16 11:27	TLR 3A	NEXT	NONE	NONE			ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	110	188	598	N/A
Jan 16 12:27	TLR 3A	NEXT	NONE	NONE			ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	99	176	610	N/A
Jan 16 13:27	TLR 3A	NEXT	NONE	NONE			ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	99	177	614	N/A
Jan 16 14:27	TLR 3A	NEXT	NONE	NONE			ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	91	182	564	N/A
Jan 16 15:28	TLR 3A	NEXT	NONE	NONE			ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	104	185	639	N/A
Jan 16 16:27	TLR 3A	NEXT	NONE	NONE			ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	102	179	611	N/A
Jan 16 17:28	TLR 3A	NEXT	NONE	NONE			ED-2 ED-6 FIRM-7 Total	SWPP SWPP SWPP	1.0 7.0 0.0 8.0	1.0 7.0 0.0 8.0	102	170	542	N/A

Jan 16 18:28	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	9.0 5.0 0.0 <b>14.0</b>	9.0 5.0 0.0 <b>14.0</b>	101	172	584	N/A
Jan 16 19:28	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	1.0 5.0 0.0 <b>6.0</b>	1.0 5.0 0.0 <b>6.0</b>	113	194	638	N/A
Jan 16 20:28	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	1.0 2.0 0.0 <b>3.0</b>	1.0 2.0 0.0 <b>3.0</b>	100	170	557	N/A
Jan 16 21:27	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	107	184	609	N/A
Jan 16 22:28	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	94	164	553	N/A
Jan 16 23:28	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	91	164	580	N/A
Jan 17 00:28	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	85	156	566	N/A
Jan 17 01:29	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	87	161	588	N/A
Jan 17 02:30	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	85	159	590	N/A
Jan 17 03:30	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	84	162	617	N/A
Jan 17 04:28	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	84	160	603	N/A
Jan 17 05:28	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	90	172	646	N/A
Jan 17 06:27	TLR 3A	NEXT	3-ND <b>Total</b>	1 / 0 <b>1 / 0</b>	2 <b>2</b>	0.2 <b>0.2</b>	2 <b>2</b>	0.2 <b>0.2</b>	0 <b>0</b>	0.0 <b>0.0</b>	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	90	168	620	N/A

Jan 17 07:27	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	87	185	617	N/A
Jan 17 08:27	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	98	176	614	N/A
Jan 17 09:27	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	1.0 0.0 0.0 <b>1.0</b>	1.0 0.0 0.0 <b>1.0</b>	101	181	636	N/A
Jan 17 10:28	TLR 3A	NEXT	3-ND <b>Total</b>	1 / 0 <b>1 / 0</b>	2 2	0.2 0.2	2 2	0.2 0.2	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	5.0 2.0 0.0 <b>7.0</b>	5.0 2.0 0.0 <b>7.0</b>	93	188	592	N/A
Jan 17 11:28	TLR 3A	NEXT	3-ND <b>Total</b>	1 / 0 <b>1 / 0</b>	2 2	0.2 0.2	2 2	0.2 0.2	0 0	0.0 0.0	NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	6.0 0.0 0.0 <b>6.0</b>	6.0 0.0 0.0 <b>6.0</b>	93	172	622	N/A
Jan 17 12:28	TLR 3A	NEXT	NONE								NONE	ED-2 ED-6 FIRM-7 <b>Total</b>	SWPP SWPP SWPP	0.0 0.0 0.0 <b>0.0</b>	0.0 0.0 0.0 <b>0.0</b>	81	158	612	N/A
Jan 17 13:10	TLR 0	CURRENT	NONE								NONE	NONE				82	160	621	N/A

### TLR Schedule Totals

Priority	Schedule			
	Total Tags Cut / Hold	IDC Cut MW	RC Cut Acknowledge MW	Hold MW
0	0	0	0	0
1	0	0	0	0
2	6	72	72	0
3	3	6	6	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
<b>Total</b>	<b>9</b>	<b>78</b>	<b>78</b>	<b>0</b>

### TLR>NNL Totals

CA	NNL Relief	
	IDC MW	RC Ackn MW
AECI	3.0	3.0
<b>Total</b>	<b>3.0</b>	<b>3.0</b>

### TLR Market Flow Totals

Market	Type	Market Relief	
		IDC MW	RC Ackn MW
SWPP	ED-2	159.0	159.0
	ED-6	52.1	52.1
	FIRM-7	0.0	0.0
<b>Total for SWPP</b>		<b>211.1</b>	<b>211.1</b>
<b>Total</b>		<b>211.1</b>	<b>211.1</b>

	A	B	C	D	E
1	<b>Reliability Log for January, 15</b>				<b>2010</b>
2	Time	Initials	Comments		
3	2201	DGA	Issued TLR Level 3B on LakAlalatStr flgt #6145		
4	2202	LWB	Issued TLR Level 3B on lasCikNasJha flgt #5228, proxy for #6145.		
5	2328	DGA	Issued TLR Level 3A on LakAlalatStr flgt #6145		
6	2331	LWB	Issued TLR Level 3A on lasCikNasJha flgt #5228, proxy for #6145.		
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	A	B	C	D
1	<b>Reliability Log for January, 17</b>			<b>2010</b>
2	Time	Initials	Comments	
3	0026	DGA	Re-issued TLR level 3A on SjHaLkNaLaSc #5050 as a proxy for 6145 set eff limit at 875 to control flow	
4	0028	DGA	Re-issued TLR Level 3A on LakAlalatStr flgt #6145	
5	0127	DGA	Re-issued TLR level 3A on SjHaLkNaLaSc #5050 as a proxy for 6145 set eff limit at 875 to control flow	
6	0129	DGA	Re-issued TLR Level 3A on LakAlalatStr flgt #6145	
7	0228	DGA	Re-issued TLR level 3A on SjHaLkNaLaSc #5050 as a proxy for 6145 set eff limit at 875 to control flow	
8	0229	DGA	Re-issued TLR Level 3A on LakAlalatStr flgt #6145	
9	0328	DGA	Re-issued TLR level 3A on SjHaLkNaLaSc #5050 as a proxy for 6145 set eff limit at 875 to control flow	
10	0330	DGA	Re-issued TLR Level 3A on LakAlalatStr flgt #6145	
11	0426	DGA	Re-issued TLR level 3A on SjHaLkNaLaSc #5050 as a proxy for 6145 set eff limit at 875 to control flow	
12	0427	DGA	Re-issued TLR Level 3A on LakAlalatStr flgt #6145	
13	0525	LWB	Re-issued TLR Level 3A on LakAlalatStr flgt #6145	
14	0526	DGA	Re-issued TLR level 3A on SjHaLkNaLaSc #5050 as a proxy for 6145 set eff limit at 875 to control flow	
15	0627	LRG	Re-issued TLR Level 3A on LakAlalatStr flgt #6145	
16	0629	LRG	Re-issued TLR level 3A on SjHaLkNaLaSc #5050 as a proxy for 6145 set eff limit at 875 to control flow	
17	0727	LRG	Re-issued TLR Level 3A on LakAlalatStr flgt #6145	
18	0728	LRG	Re-issued TLR level 3A on SjHaLkNaLaSc #5050 as a proxy for 6145 set eff limit at 875 to control flow	
19	0827	LRG	Re-issued TLR Level 3A on LakAlalatStr flgt #6145	
20	0828	LRG	Re-issued TLR level 3A on SjHaLkNaLaSc #5050 as a proxy for 6145 set eff limit at 875 to control flow	
21	0927	LRG	Re-issued TLR Level 3A on LakAlalatStr flgt #6145	
22	0928	LRG	Re-issued TLR level 3A on SjHaLkNaLaSc #5050 as a proxy for 6145 set eff limit at 875 to control flow	
23	1025	LRG	Re-issued TLR Level 3A on LakAlalatStr flgt #6145	
24	1027	LRG	Re-issued TLR level 3A on SjHaLkNaLaSc #5050 as a proxy for 6145 set eff limit at 875 to control flow	
25	1125	LRG	Re-issued TLR Level 3A on LakAlalatStr flgt #6145	
26	1127	LRG	Re-issued TLR level 3A on SjHaLkNaLaSc #5050 as a proxy for 6145 set eff limit at 875 to control flow	
27	1226	LRG	Re-issued TLR Level 3A on LakAlalatStr flgt #6145	
28	1227	LRG	Re-issued TLR level 3A on SjHaLkNaLaSc #5050 as a proxy for 6145 set eff limit at 875 to control flow	
29	1309	LRG	Re-issued TLR Level 0 on LakAlalatStr flgt #6145	
30	1310	LRG	Re-issued TLR level 0 on SjHaLkNaLaSc #5050 as a proxy for 6145 set eff limit at 875 to control flow	
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**FLGT6145 - 1/16/10**

Real Time SOL

