

Mission Success Starts With Safety



Construction Safety

SSC Construction Inspection
Safety Findings/Stats

October 2014



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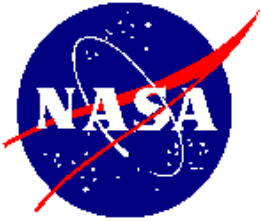
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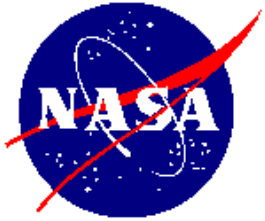
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Construction Safety Findings: 30 September-03 October 2014

Findings Total: 2

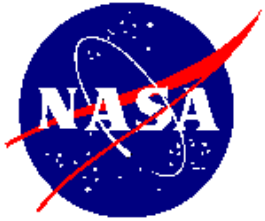
-Serious Findings: 0

-Less than Serious Findings: 2

1. Employee found using a beam strap as a lanyard. SSP-8715-0001 section 3.3(f)
2. Employees working without first completing their daily Activity Hazard Analysis (JHA) or equivalent. SCWI-8715-0008 section 6.5.1

Mishaps / Close Calls: 0





Construction Safety Findings: 06-10 October 2014

Findings Total: 2

-Serious Findings: 0

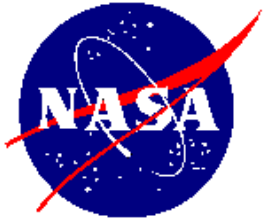
-Less than Serious Findings: 2

1. Observed a chain fall hoist in use that was missing the safety latches on the hooks. 29CFR1926.753(c)(5)
2. Observed a welding lead stinger repaired within six feet of the end. 29CFR1926.351(b)(2)

Mishaps / Close Calls: 0

Other:

In response to some safety concerns about fall protection and proper use of personal fall arrest gear on the B-2 Test Stand construction site, the contractor brought a third-party vendor on site to perform fall protection training. The project was temporarily stopped so all workers could attend the training.

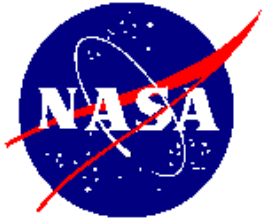


Mission Success Starts With Safety



Construction Safety Findings: 06-10 October 2014





Construction Safety Findings: 11-17 October 2014

Findings Total: 0

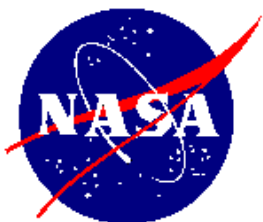
-Serious Findings: 0

-Less than Serious Findings: 0

Mishaps / Close Calls: 3

1. A gust of wind caught the derrick crane boom on the B Test Stand and swung it to the left. An employee was able to grab the boom with a chain and secure it before the derrick crane boom made contact with a Glenn crane boom. The derrick's cables did contact the Glenn crane, causing Glenn to lower the boom and perform a thorough inspection. No injuries or property damage noted.
2. A working was standing next to 10' deep excavation when the bucket from an excavator hit the worker's left buttock area, knocking the worker into the excavation. The worker received minor injuries.
3. The contractor was attempting to cut and cap an abandoned line believed to be absent of any liquid, when after making the initial cut, RP-1 flowed from the line.





Construction Safety Findings: 20-24 October 2014

Findings Total: 0

-Serious Findings: 0

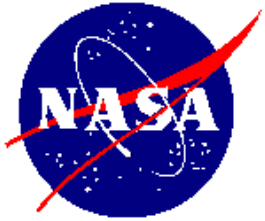
-Less than Serious Findings: 0

Mishaps / Close Calls: 1

Close Calls: 1

1. A truck driver was attempting to dump a load of dirt at the SSC Landfill when the trailer fell over. The subcontractor brought an excavator to the site the following morning to remove the remaining dirt from the trailer and lift it up-right. No fluids were leaked and only minor damage occurred to the trailer's frame, making this a close call.





Construction Safety Findings: 27-31 October 2014

Findings Total: 2

-Serious Findings: 0

-Less than Serious Findings: 2

1. Failure to place base plate under supporting upright scaffold leg, 29CFR1926.451(c)(2)
2. Improper storage of half mask respirator, 29 CFR 1910.134(c)(1)(v)

Mishaps / Close Calls: 1

-Mishap: 1

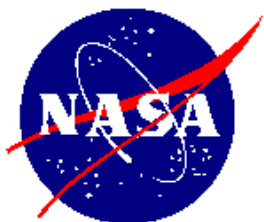
1. A subcontracted employee was operating a mini-excavator near Balch Boulevard, in front of Building 1103 attempting to dig a trench and struck a buried natural gas line. SSC Fire Department was notified and responded. Jacobs FOSC plumbing shop personnel responded and were able to secure the natural gas at the nearest valve. Buildings in the 1000 series (NAVO) were affected by the gas outage to the plant boilers.

Other:

On Thursday, October 30, 2014, a construction contractor and the SSC Fire Department participated in a drill to perform a confined space rescue. The contractor had an employee simulate a fall to the bottom of the 96" valve vault construction site, which is currently seventeen feet below grade. The drill resulted in the injured worker being successfully lifted out of the vault without incident and an overall successful test of the contractor's rescue plan.



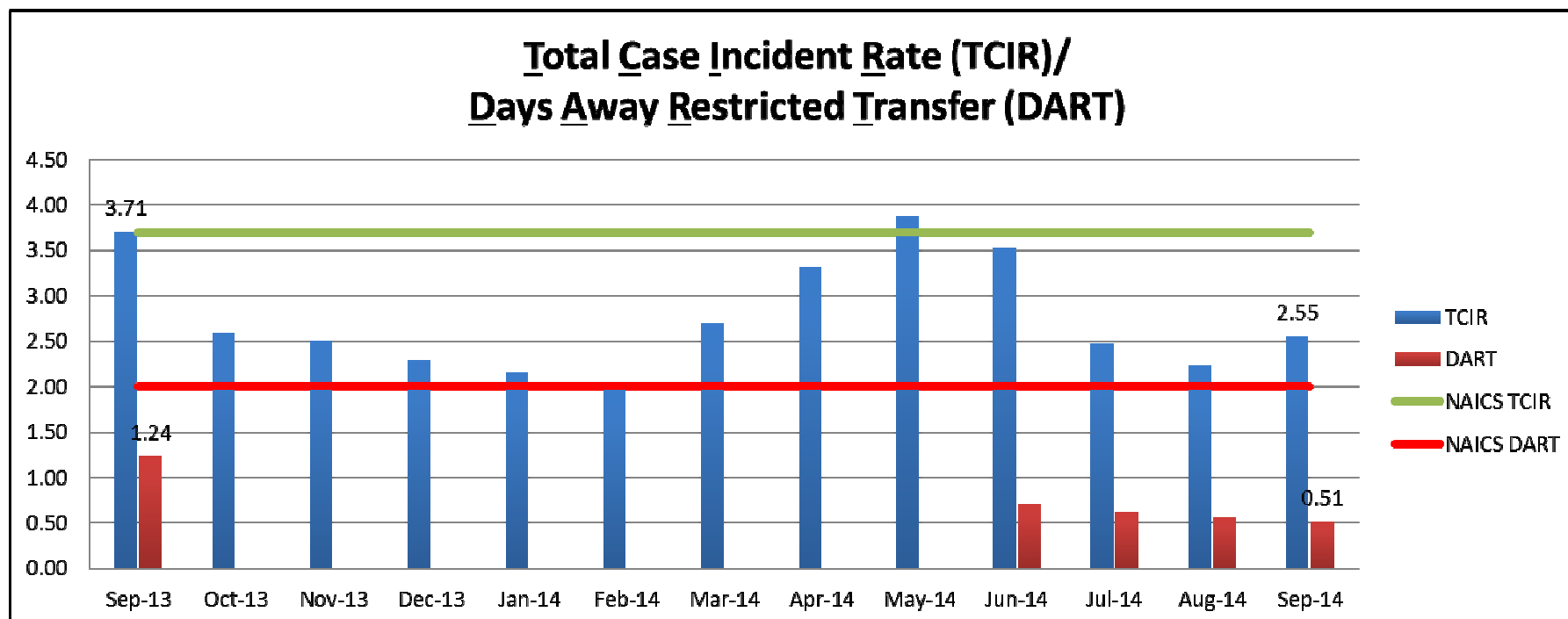




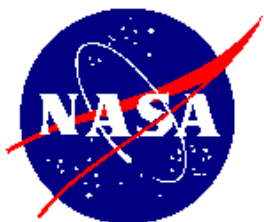
SSC Construction Metrics

- For the month of September:
 - One Type D NASA Direct Construction case wherein an employee raised their head to look at the level above them on the B2 T/S and dirt fell into their eye. The employee was transported to an offsite optometrist who irrigated the eye and issued prescription strength medication.

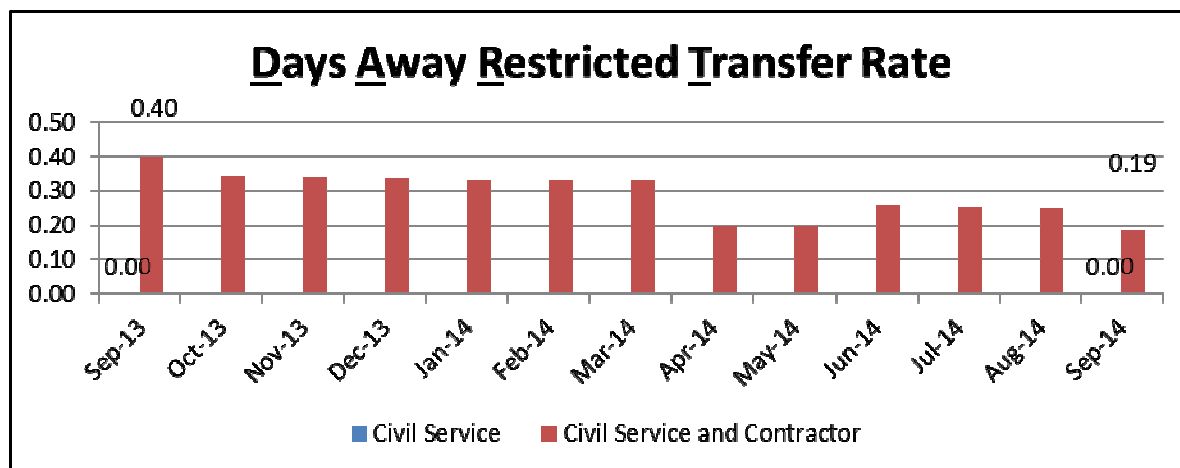
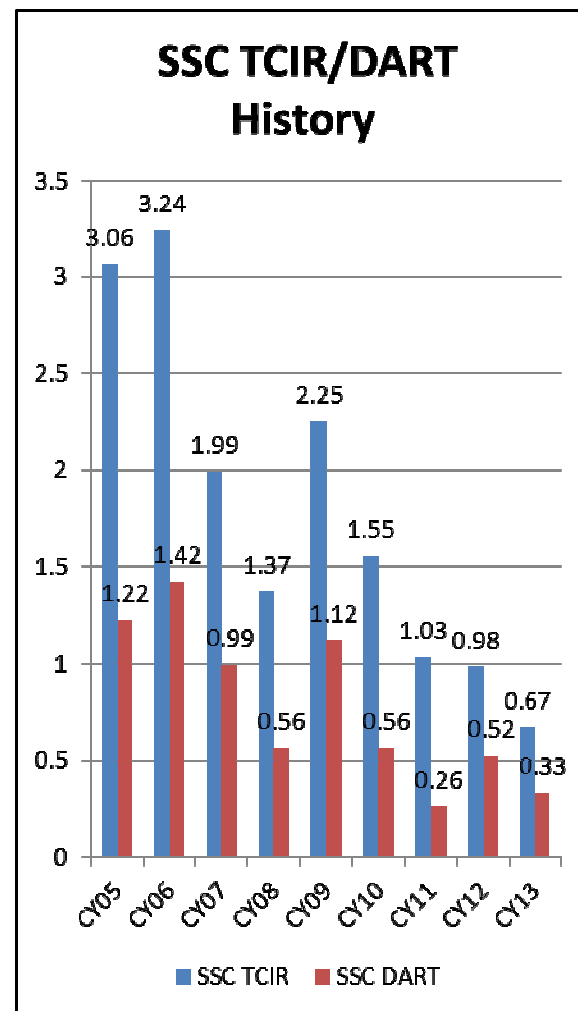
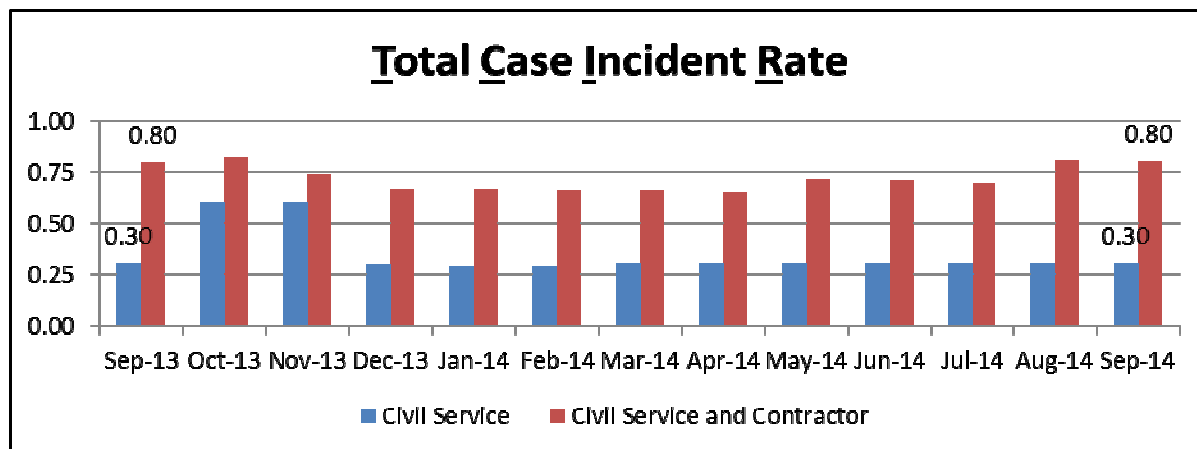
<http://www.census.gov/eos/www/naics/>

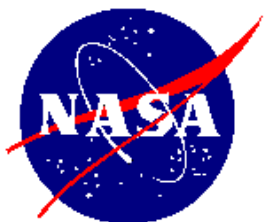


2012 NAICS Industry Code (Construction) TCIR = 3.7
2012 NAICS Industry Code (Construction) DART = 2.0

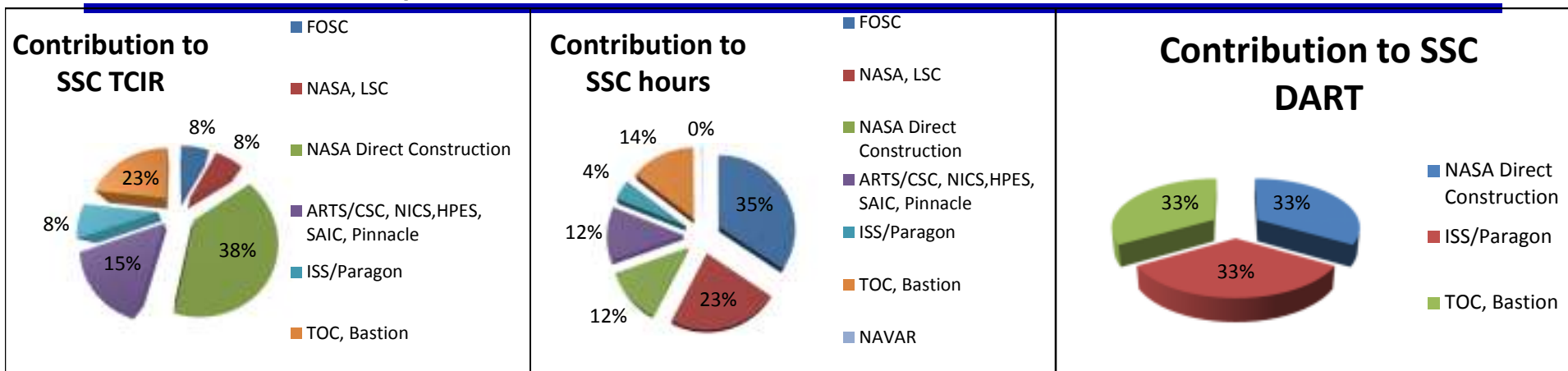


SSC DART/TCIR



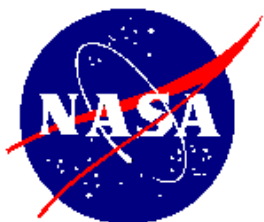


NAICS Specific SSC DART/TCIR (October 1, 2013 – September 30, 2014)



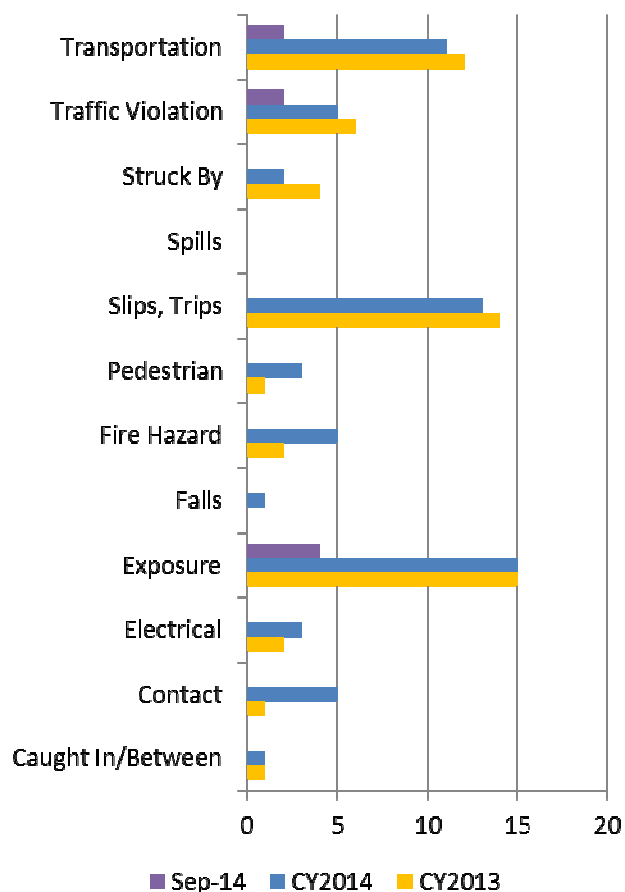
Organization	Total Running Hours/ NAICS	% Contribution to SSC hours	Running Total Cases/ NAICS	Running Dart Cases/ NAICS	Running TCIR	Running DART	2012 NAICS TCIR (industry average)	2012 NAICS DART (industry average)
FOSC	1,140,212.0	35%	1	0	0.18	0.00	3.70	1.90
NASA, LSC	754,897.0	23%	1	0	0.26	0.00	1.70	0.80
NASA Direct Construction	391,464.0	12%	5	1	2.55	0.51	3.70	2.00
ARTS/CSC, NICS, HPES, SAIC, Pinnacle	387,939.3	12%	2	0	1.03	0.00	0.60	0.40
ISS/Paragon	145,550.0	4%	1	1	1.37	1.37	1.60	1.00
TOC, Bastion	468,671.0	14%	3	1	1.28	0.43	1.20	0.50
NAVAR	5,552.0	0%	0	0	0.00	0.00	1.20	0.40

LEGEND	
	Decreased
	Increased, below NAICS (industry avg.)
	Above NAICS (industry avg.)

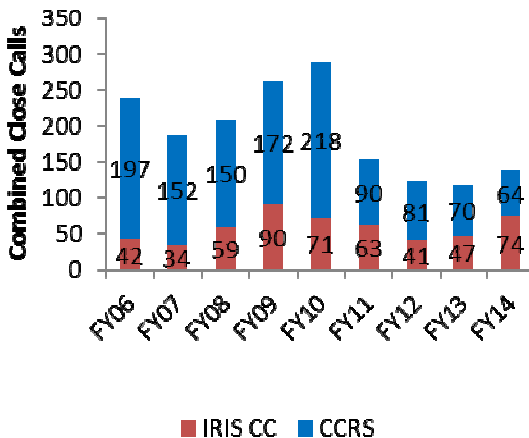


SSC Close Calls

CCRS Close Calls



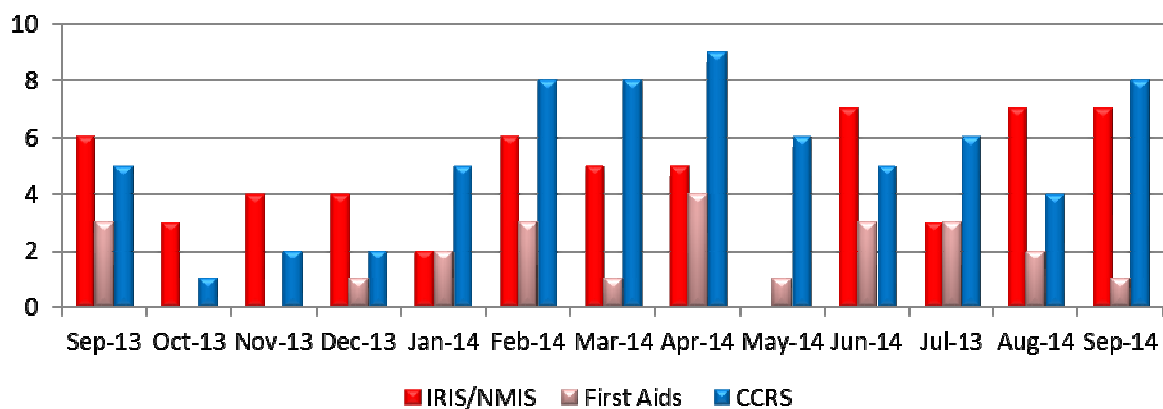
Annual History



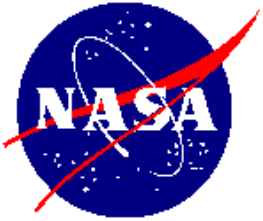
NMIS CC* – 9/2, Mower struck buried ground cable; 9/8, Mower ran over electrical wires; 9/17, Cut through electrical conduit; 9/17, Worker exposed to chlorine gas, ∞; 9/22, Equipment storage racks fell over; 9/22, Unmarked pvc line broken during excavation; 9/22, Cut arm from brushing against pipe, (FA)∞; 9/25, PVC line broken during excavation.

CCRS CC* - 9/4, Delivery truck unable to make turn at north gate; 9/9, Wasp nest swarming at bldg. 1100; 9/11, Inadvertent valve release at A1; 9/16, Hydrogen gas alarm at B T/S barge dock; 9/16, No turn lane off Trent Lott into bldg. 8100 area, motorists also cutting off traffic at the 8100/8101 fork; 9/22, Driver crossed double line on Saturn drive and almost hit a jogger; 9/22, Person talking on cell phone, and putting on ear phones while approaching north gate; 9/25, Water hazard between bldg. 1105 and 1110.

∞ - Construction Close Call



*NMIS Close Calls include events with minor equipment damage < \$20,000, but with the potential to cause a mishap; and/or, an injury requiring first aid but with greater potential for harm. CCRS close calls are those close calls not meeting the aforementioned criteria.



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Questions?

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Have a Safe month!

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