

## Weekly Lab Status Meeting – February 03, 2015

### Fiscal Year Summary by Case Type

	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
<b>DART</b>	11	11	7	12	3	12	6	6	19	7	10	2
<b>TRC</b>	32	30	29	32	12	25	19	21	38	26	23	3
<b>First Aid</b>	67	66	48	60	62	58	52	51	45	34	20	6

**Injuries:**  
None

### **Claims Pending:**

Division	Category	Case Date	Date Entered	Recordable	Rx	Medical		ESH	
						ODD	LDD	ODD	LDD
PPD	FNAL	02/02/2015	02/02/2015	CP		0	0	0	0

**Medical Comments:** When the employee was checking all emergency exits to make sure they were clear she pulled the door closed and smashed her 1st finger, right hand in the door.

**ESH Comments:** Employee was checking emergency exits to the building to ensure doors would open (significant snowfall the day before). The door does not latch well, so employee used force to close the door. The nail on the left pointer finger got caught between the door frame and the door, causing the nail to break below the nail bed. First aid only.

**Vehicle Accidents:**  
None

### **ORPS/Incidents/Notices of Violations:**

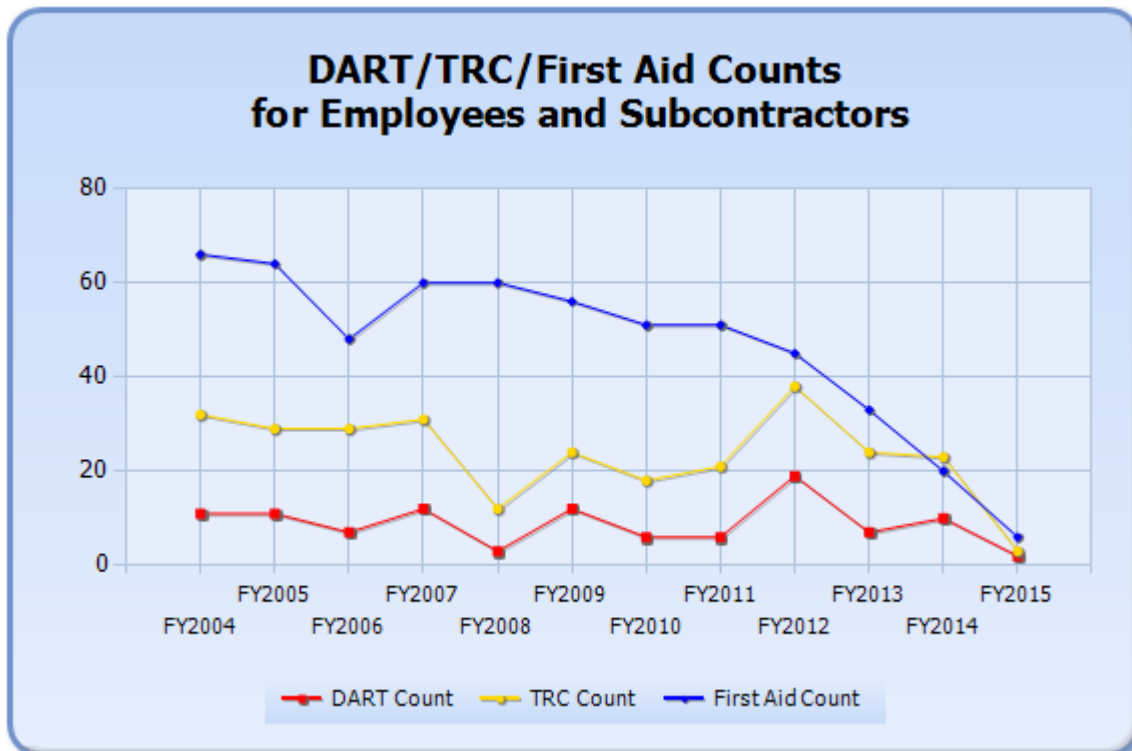
**Occurrence Report Number:** SC--FSO-FNAL-FERMILAB-2015-0001

**Title:** Discovery of a magnet power supply electrical safety interlock error

#### **Description of Occurrence:**

At approximately 0200 hours, January 29, 2015, Accelerator Division (AD) Main Control Room (MCR) operators were preparing the Meson M03/04 enclosure for access by personnel later in the day when an operator noticed on an MCR console display that the electrical power supply for the MT5VT1 magnet, located in M03, did not turn off when the Electrical Safety System (ESS) interlock permit for the M03/04 enclosure was removed. The MCR crew began investigating the status of the MT5VT1 power supply and performed tests which indicated the power supply for MT5VT1 was interlocked to the M05 enclosure ESS, rather than the M03/04 ESS. In addition, it was determined that the MT5VT1 magnet power supply was listed on the M05 configuration control lockout list, rather than the M03/04 configuration control lockout list. The crew performed a configuration control lockout of all the power supplies in all the related enclosures and notified the AD

Operations Department Head, who subsequently notified AD management and ES&H personnel. Planned accesses into the area were cancelled. Electrical power supply, beamline, and interlock systems experts were contacted to investigate. At approximately 1000 hours, they determined that the MT5VT1 magnet power supply was indeed interlocked to the M05 enclosure ESS, rather than the M03/04 ESS. The MT5VT1 power supply, located in the MS4 Service Building, nominally operates at 8 amps and 4 volts dc, but is capable of providing 200 amps at 100 volts dc. When the interlock error was initially noticed, the power supply was operating at 3.6 amps and 1.8 volts dc, as recorded by the AD controls system. Power to the MT5VT1 magnet from the power supply is conducted on insulated cables and terminates on exposed connectors in the M03 enclosure. Given the discovered configuration, the requirements of FESHM 9140 for protecting personnel in an access controlled area from exposed conductors were not being met with respect to MT5VT1.



### Employee TRC & DART Details for Current Fiscal Year

Organization	TRC Cases	TRC Rate	TRC 3-Year Average	TRC KPI	DART Cases	DART Rate	DART 3-Year Average	DART KPI
AD	1	0.70	2.09	↓	1	0.70	0.70	↑
BS	0	0.00	2.24	↓	0	0.00	0.84	↓
CCD	0	0.00	0.29	↓	0	0.00	0.00	→
CD	0	0.00	0.00	→	0	0.00	0.00	→
DI	0	0.00	2.24	↓	0	0.00	0.00	→
ES	0	0.00	0.89	↓	0	0.00	0.89	↓
FCPA	0	0.00	0.00	→	0	0.00	0.00	→
FE	1	1.89	4.31	↓	0	0.00	2.49	↓
FI	0	0.00	1.99	↓	0	0.00	0.00	→
ND	0	0.00	0.00	→	0	0.00	0.00	→
PD	0	0.00	0.68	↓	0	0.00	0.49	↓
SCD	0	0.00	0.50	↓	0	0.00	0.25	↓
TD	0	0.00	1.84	↓	0	0.00	0.66	↓
WR	0	0.00	1.77	↓	0	0.00	0.00	→
<b>Fermilab</b>	<b>2</b>	<b>0.37</b>	<b>1.40</b>	<b>↓</b>	<b>1</b>	<b>0.19</b>	<b>0.53</b>	<b>↓</b>

\*Please note that FermiDash Training page may not be accurate as it is actively being worked on.

### Required ESH Training and ITNA Status for Employees

Org	Completed Courses	Required Courses	Percent Completed	Employees	Current ITNAs	ITNAs < 1 Year Old	Missing ITNAs	ITNAs > 3 Years Old
AD	10117	10322	98.0%	479	476	99.4%	0	0
CCD	1784	1791	99.6%	121	121	100.0%	0	0
CD	473	478	99.0%	41	38	92.7%	0	0
DI	839	854	98.2%	69	67	97.1%	2	0
ES	1840	1864	98.7%	77	77	100.0%	0	0
FE	3931	4017	97.9%	180	177	98.3%	0	0
FI	853	860	99.2%	62	61	98.4%	0	0
ND	1076	1091	98.6%	72	71	98.6%	0	0
PD	6050	6209	97.4%	367	360	98.1%	0	0
SCD	1980	1992	99.4%	163	152	93.3%	0	0
TD	4717	4834	97.6%	236	235	99.6%	0	0
WR	1292	1303	99.2%	96	95	99.0%	0	0
<b>Fermilab</b>	<b>34952</b>	<b>35615</b>	<b>98.1%</b>	<b>1963</b>	<b>1930</b>	<b>98.3%</b>	<b>2</b>	<b>0</b>

> 95%   90-95%   < 90%

Missing ITNAs and ITNAs > 3 Years Old = Red  
Missing ITNAs for New Employees = Yellow