

# West Point Regional Engineering Contractor Newsletter January 2010

Know Your 2010  
WPRE Safety Council:  
Jerry Hische  
Rachel Howe  
Steve Jacobs  
Shawn McCormick  
Dave Moyle  
John Muhlberger  
Ed Spooner  
Mike Turrisi  
Mike Twardowski  
Bob Yeager

Know your 2010 West Point Contractor  
Safety Committee. Please contact your  
committee if you have a safety concern.  
Members include:

Joe Carafa	Truskey Mechanical
Rick Miles	Silas Bolef Electrical
Jeff Lutton	Union Electric
Ed Pugh	US Piping
Frank Martin	Radomski
John Connors	Dunkerley
Roger Day	ICI

## Project Spotlight – Building 8 – 27 Chilled Water Cross Connect Project

Project Manager – Gus Baldassano

The Building 8 – 27 Chilled Water Cross Connect project consists of the installation of 800 feet of 24-inch chilled water pipe at the north east quadrant of the West Point site. Connecting the chilled water from Building 8 to Building 27 will improve the flexibility and reliability of the site's chilled water distribution system. The Building 8 chilled water supply to the B27 loads is the first and major step necessary for the site to shut down the aging and less efficient Building 27 chilled water plant. The project also includes the installation of new underground ductile iron pipe to replace the old original cast iron lines to Building 26, 42, and 44. In addition to the underground work, new piping was also installed on the roof of Buildings 1, 26, and 44, which presented installation and safety challenges to the project that were addressed and solved through good project logistics planning, constructability reviews, JSAs, and the SOR process.

The project was designed by **Javan Engineering** and IPS is the construction management firm. Extensive pre-planning efforts involving Merck Utilities department, West Point Safety, Regional Engineering, IPS, and the project subcontractor firms of Truskey Mechanical, and Robert Dunkerley lead to a comprehensive 4 – phase Safety & Logistics Plan. The project's commitment to safety included having a dedicated full time project safety professional on the job site each day. Coordination with over 100 key site contacts, included notifications of project phasing, logistics plan, and crane activity resulting in pedestrian rerouting, was communicated early and often, which promoted and created a safe work area for the trade contractors, and resulted in no impact to site operations.

At the completion of Phase 1 and 2 in mid January, the project has logged over 6500 trade contractor man-hours worked with zero first aid or recordable injuries. Daily contractors on the project ranged from 5 – 15 and included over 30 different individuals from 10 different firms. Project near misses involved unknown underground obstructions, which were carefully hand excavated, and there was one near miss that resulted in property damage to a contractor's tool.

Pictured, L-R Gus Baldassano, GES; Sean Nagy, Dennonni; Anthony Detweiler, IPS; Steve Roberto, Truskey Mechanical; Aaron Faessen, Truckey; Joe Carafa, Truskey; John Connors, Dunkerley; and Evan McNamara, IPS

## SEVEN SAFETY HABITS TO LIVE BY IN 2010

- 1. Make accident prevention a part of your daily routine:** Plan safety in advance. Before beginning a job, be sure your tools are in good condition. Also, see that you have the required protective equipment for that job..
- 2. Report unsafe acts or conditions to your supervisor:** If you see something that's dangerous or someone working in an unsafe way, do something about it. If it's an unsafe condition, correct it if you can. Otherwise, report it to someone who has the authority or ability to do so. If you see someone committing an unsafe act, warn that person in a friendly way...their life or the life of others could be impacted..
- 3. Avoid horseplay:** Aren't you always telling your kids to knock off fooling around before someone gets hurt? Well, horse- play is dangerous for kids of any age. On a construction job you can easily be injured if you're not strictly business all of the time. Often a person is killed or hurt when a "harmless" prank or a practical joke backfires.
- 4. Follow instructions:** You'd follow instructions if you were dismantling a time bomb - and very carefully at that. Well, take the same attitude on the job. When we give you instructions, it's only after we've considered the safest and best way to do it. Sometimes doing something just a little different from what you were told can get you or someone else in a lot of trouble.
- 5. Make suggestions:** If you see a quicker or a better way to do something, let us know. We'll check it out and if it's practical, we'll use it. But first we'll make sure it's safe. And if you see a safer way of doing some-thing, bring it to our attention, by all means.
- 6. Practice good housekeeping:** Nobody likes a slob .its upsetting to see someone with a messy work area. And it goes even further than that. A sloppy work area is not only hard on the eyes, but a breeding ground for accidents. Trash and materials strewn around can result in trips, falls, and fires.
- 7. Dress for the job:** In addition to wearing protective equipment, dress so that you won't get hurt. Don't wear floppy clothing (such as loose sleeves or cuffs) or jewelry that can catch on something or become entangled in machinery or rotating equipment.

