

# Toolbox Talks

Weekly supervisor package to share with your teams

Q3 Inspections = Red

## Talking Points for the Week of July 13, 2020

### #KNOWTHEPLAN TIPS FOR SAFETY SUCCESS

#### ES&H Execution Plan – Fall protection

Fall protection plan key requirements include:

- All supervisors and subcontractors shall **evaluate all elevated work for fall exposures and shall pre-plan and install required fall protection systems** prior to assigning the work to employees.
- **Approved full-body safety harnesses are to be used for employee fall protection** where primary fall prevention systems are inadequate and fall exposures exist.
- Personnel traveling or working in elevated areas more than **6 feet above ground level or adjacent surface where a fall exposure exists shall always make use of secondary fall protection. This is by securing their safety lanyard to a structure, lifeline, or approved fall arresting device capable of supporting 5000 pounds.** This includes aerial work platforms.
- **Fall protection devices such as lifelines, safety harnesses/lanyards, etc. shall be inspected for damage and/or deterioration prior to use.** They will also be formally inspected, documented quarterly, and tagged per the project Quarterly Color Code.
- **Defective equipment or devices subjected to shock loading shall be removed** from service and destroyed or returned to the ES&H Department.
- Personnel must adhere to all **fall protection signage** including scaffold tags.
- Persons who are observed not utilizing fall protection equipment where required will be identified and the appropriate supervisor or subcontractor will be notified. The person may be terminated, or site access revoked pending investigation outcomes.

### INCIDENT REVIEW BOARD

*Each week, leadership reviews recent incidents and corrective actions taken. Here is feedback and direction based on the incidents reviewed last week.*

#### Grinder laceration

A worker was kneeling down in a congested area on top of a scaffold deck in the Unit 4 auxiliary room 12354. The worker was using a six-inch angle grinder to remove a tack off the end of a pipe. After cutting the tack welds with the grinder, the worker unbolted the flange on the opposite end and sat the spool down on the scaffold. The worker then picked the grinder up again and leaned forward on the five-gallon bucket he was sitting on to reach around the spool and clean the bevel on the permanently installed pipe. While leaning back to sit up straight, the employee pulled the grinder into their left leg, allowing the free spinning exposed end of the grinding disc to make contact with their inner thigh causing a laceration.

#### Corrective actions:

- Stand down with the crew to address housekeeping, STARRT card, and to review the JHA.
- Crew retrained on how to use a Metabo Angle grinder.
- Perform housekeeping of area prior to recommencing work.
- Address body positioning, disc and guard selection, and guard positioning in grinder training.



### SAFETY



#### Protect your hearing

Many people believe they can acclimate, or adapt, to high noise, like we acclimate to hot or cold weather. This is not correct. You don't "get used" to noise—you lose

your ability to hear.

Typically, hearing loss is a chronic issue. That means it occurs over a long period of time, sometimes years. In many cases, it is permanent loss and, once lost, cannot be recovered. It is important to protect your hearing at all times, not only at work but off the job as well.

Have questions about noise or hearing conservation? Ask your supervisor, Safety representative, or Industrial Hygienist for more information.

### 2020 Key Results

#### Safety

#### GOAL: Zero life-altering injuries

2020 Life-altering injuries: 0 2020 TRIR: 0.43

2020 Recordable Incidents: 27 In July: 1

#### Production

	7/5 A
U3	95.8%
U4	72.2%
BOP	85.7%
TTL	85.2%

#### Cost Performance Index (CPI)

#### GOAL: <1.10 CPI

Period ending 7/7: 1.40 Cumulative: 1.29

# Talking Points, continued

## Re-STARTT cards



Re-STARTT cards are located in the field. Use them when you recognize **a condition that stops a task or identify an at-risk behavior.**

Fill out the card with your observations, and the ES&H team will follow up. Find hazard cards in the tool rooms and on PBS observation boxes. Fill out the Re-STARTT side and drop it in the PBS box.

## Do not normalize risky behaviors

Why do people take risks at work? Do they believe safety and health rules are impractical or inefficient? Do they think they can meet work goals faster by breaking safety and health rules? Or do they fear speaking up?

It's possible that normalized deviance was the cause of the ship Costa Concordia tipping over near Giglio Island in Italy. As the ship neared the island, the captain ordered the ship to sail closer as a "salute" to the islanders. This was a common practice. Unfortunately, Costa Concordia got too close to the island. The ship's left side hit the rocks and the engine room flooded. The ship lost power and began sinking. Of the 4,049 people on the ship, all but 32 were rescued.

Why did the crew participate in the risky maneuver? It's likely the crew had done it before without incident.

ES&H procedures are designed to keep us safe. The time it takes to follow the rules is built into our schedule. Not following these rules can have tragic consequences. Take the time to do the job safely and right the first time.

**Discuss:** Is there a risky behavior you commonly do that could be dangerous?



*The Captain of the Costa Concordia often traveled close to Giglio Island to salute islanders even though it was dangerous. This time it was fatal.*

## Clean as you go

A clean work area is a basic requirement for having a safe and productive environment. Do these things to maintain good housekeeping:

- **Remove** all scrap, rubbish, and debris from your work area.
- **Keep** walkways clear.
- **Run** cords and hoses overhead.
- **Store** tools and materials properly.
- **Maintain** housekeeping throughout the shift.

## ENVIRONMENTAL

### Third Quarter chemical inspections

The 3<sup>rd</sup> Quarter 2020 chemical cabinet/area inspection and inventory forms are due now. All chemical cabinet/area points of contact (POC) should have received an email from Bechtel Environmental to complete a third quarter inspection and inventory for each flammable and general cabinet/area under his/her control.

Important reminders:

- **The forms** must be completed and emailed to [G2SNCVCCA@southernco.com](mailto:G2SNCVCCA@southernco.com) in Microsoft Word format.
- **Current SDS documentation** for all stored chemicals need to be in close proximity.
- **No combustibles** are allowed inside the cabinet (only exception is SDSs).
- **No items are to be stored on top** of the cabinet.
- Ensure the **cabinet number** and **POC information** is legible (reapply if faded).
- **Cabinet contents** should be neat and orderly.
- A **secondary container label** is needed for all secondary containers.
- **No chemicals are to be stored on the bottom area** of the cabinet as this is for spill containment purposes.
- **Contact Bechtel Environmental before** relocating a chemical cabinet and if the cabinet/area POC changes.

Contact Bechtel Environmental with any questions or concerns.

## This week's nuclear safety behavior

### Paths for raising issues

Where do you go to raise a quality or safety concern, or to report a problem that needs fixing? The Corrective Action Program (CAP) and interface with supervision or line management are the primary paths for resolving issues. The Employee Concerns Program (ECP) provides an alternate path to raise issues outside of this normal problem reporting process or to report concerns for confidentiality reasons. The NRC also has a process for receiving onsite concerns directly. Other paths for raising issues internally include:

- Employee or Labor Relations
- Human Resources
- Quality Assurance
- Company ethics lines

The ability and willingness to raise issues for appropriate decisions are important parts of a healthy nuclear safety culture.

### Dropped objects (July 3—July 9)

#### By POTENTIAL severity ranking

0	Could have resulted in death
0	Could have been lost-time incident
0	Could have been recordable incident
2	Could have been first aid

## COVID-19 Reminder

### ANTIBODY TEST INFO

The site will start antibody testing this week. See attachment for more information on antibody testing. **If you are interested, contact your steward.**

### FACE SHIELDS ARE GOOD, TOO!



You can wear a face covering or face shield on site when proper social distancing cannot be maintained. Face shields are a good alternative to face coverings.

# People-Based Safety—Weekly Update

## U3 PBS Meetings:

**Tuesdays**

ASB, Section 8, CR 5

D: 0700–0800; N: 2030–2130

## BOP PBS Meetings:

**Wednesdays**

Bldg. 142, Craft CR

D: 0800–0900

## U4 PBS Meetings:

**Tuesdays**

Bldg. 124 Craft CR

D: 0900–1000; N: 1900–2000

## Indirects PBS Meetings:

**Thursdays**

Bldg. 142 Craft CR

D: 1300–1400

*PBS will still be conducting mini sessions to practice social distancing. No more than six members will attend a designated time slot.*

## Observed this week

**1,016**

Craft observed out of

**3,934**

Observable craft

Behavior	% Safe
Body Mechanics	99.0%
PPE	97.2%
Job Factors	96.9%
Job Planning	98.5%
Housekeeping	99.0%
Vehicles	95.6%

**432 PBS observation cards completed last week**

## Join PBS

### Impact our Safety culture!

PBS reduces safety incidents through peer-on-peer observation and no-name, no-blame coaching. Craft meet regularly to give input on how to improve safety.

### Next PBS Volunteer Training Session

Dayshift	
When	July 23, 0800 to 1200
Where	Bldg. 199A

POC: Gunny Evans, (762) 225-8917

## Safe behaviors from last week



### Good housekeeping

A team member was observed re-hanging a temporary light that had been cut free from a scaffold.

**Discussion:** The observer thanked the individual for keeping the area illuminated.

### Other safe behaviors from the week:

- Housekeeping has improved.
- Face masks are being used more frequently.
- PPE used more frequently at turnstiles.
- Avoiding line of fire while working.
- Communication improving prior to work.
- Coaching of fellow crew members seen more often.

## At-risk behaviors from last week



### Improper staging

A team member was observed staging material in front of a scaffold access.

**Discussion:** The observer coached the individual on proper storage of materials and scaffold safety.

### Other at-risk behaviors from the week:

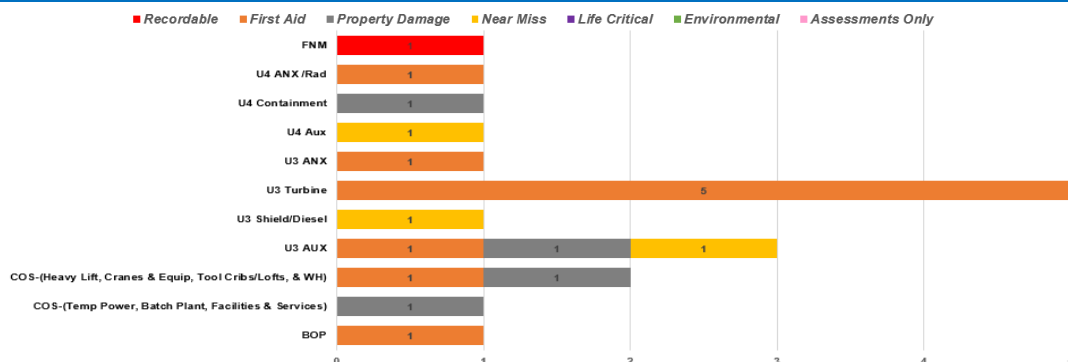
- Tethers missing from hand tools.
- Crosswalks not being used at shift change.
- Dark glasses being worn inside buildings.
- Spoggles not being used while grinding.
- Barricades being erected around other crafts.
- Multiple people riding in the same vehicle.



# Safety incidents from last week

**Congrats to the following teams for having ZERO incidents this week:**

- U3 Indirects— 2 weeks in a row
- U3 Radwaste
- U3 Containment
- U4 Indirects— 6 weeks in a row
- U4 Shield— 2 weeks in a row
- U4 Turbine/Diesel
- COS— NOI6 & NOI7 Fab Shops, MAB— 3 weeks in a row
- SNC Subs/Vendors— 2 weeks in a row



Date	Location	Area	Incident Description	Craft Code	Shift
<b>(1) Recordable</b>					
7/4/2020	Between ASB and Turnstiles	FNM	Finger injury-same level fall-treatment beyond first aid	FNM	Night
<b>(13)-First Aid</b>					
7/9/2020	U4 Turbine 140' elevation	Subs/Vendors	Foreign body eye-eye irritation began at beginning of shift, performing weld inspections throughout day	SSMI Sheetmetal	Day
7/9/2020	U4 S Aux 100' RM 12362	Subs/Vendors	Knee strain-welding in tight position	SSMI Sheetmetal	Day
7/9/2020	Conex Area (Laydown)	U4 Annex Bldg/Rad	Foot strain-walking to work location	Pipefitter	Day
7/9/2020	RM 404	U3 Auxiliary	Shoulder strain-crawling through door	Pipefitter	Day
7/8/2020	Phase 4	Balance of Plant	Chest contusion-struck by air hose	Cement Mason	Day
7/8/2020	140' Elevation	U3 Turbine	Shoulder strain-passing scaffold material to co-worker	Scaffold Carpenter	Day
7/7/2020	South of T13 Bldg.	U3 Turbine	Ankle sprain -rolled ankle on a rock	Electrician	Day
7/7/2020	120' Elevation	U3 Turbine	Foreign body eye-walked by fan pointed upward	Pipefitter/Welder	Night
7/6/2020	140' Elevation West	U3 Turbine	Finger injury-struck by unknown source	Laborer	Night
7/6/2020	U4 Containment-RM 11300	Subs/Vendors	Elbow contusion-struck by air line hose	Williams Painter	Day
7/5/2020	Unit 4 West Side Favco Tower Crane	COS (Heavy Lift, Cranes & Equipment, Tool Cribs/Lofts, WH)	Leg abrasion-struck by cable from crane (see Property Damage Incident below)	Ironworker	Day
7/4/2020	140' Elevation	U3 Turbine	Eye abrasion-struck by a piece of wire	Electrician	Day
7/3/2020	Area 2	U3 Annex	Shoulder strain-stacking sand bags	Laborer	Day
<b>(4)-Property Damage</b>					
7/9/2020	Batch Plant Stock Pile Area Bin 5	COS (Temp Power, Batch Plant, Facilities & Services)	Loader was backing down a pile of stones, pile material shifted, causing machine to lean and mirror contacted adjacent sprinkler head.	Operator	Day
7/9/2020	N Aux RM 12405	U3 Auxiliary	Observed sparks emitting from an electrical box and tripped circuit breaker.	Unknown	Night
7/6/2020	Room 11500	U4 Containment	Valve was broken when employee slipped and grabbed valve to balance themselves	Ironworker	Day
7/5/2020	Unit 4 West Side Favco Tower Crane	COS (Heavy Lift, Cranes & Equipment, Tool Cribs/Lofts, WH)	RCC Crane and Rigging Crew were replacing the boom cable on the FAVCO 1280D Tower Crane as the cable was lifted the LSGX Snake (Chinese Finger) failed causing the cable to reverse though the sheave. The cable run of approximately 300 ft. and weighing approximately 1650 lbs. fell back to the ground causing damage to the Crane boom and platforms. One crew member was contacted by the cable when it fell, the individual was seen at medical for a first aid and released back to work. Area was barricaded and all equipment placed in a safe configuration.	Crane & Rigging Crew	Day
<b>(3)-Near Miss</b>					
7/9/2020	N Aux RM 12521 SP 42	U4 Auxiliary	Performing arc gouging and lead arced out on a piece of rebar.	Ironworker	Day
7/8/2020	135' Elevation-Room 12501	U3 Auxiliary	RCC electrician caused a SSMI test port coupling weighing 1.5 lbs. to dropped ~ 10 ft.. The coupling struck another RCC employee on the back. The employee was evaluated but did not received treatment at this time.	Electrician	Day
7/4/2020	150' Elevation	U3 Shield/Diesel Gen Bldg.	Spud wrench weighing ~ 1 lb. fell ~ 40 ft. into a red barricaded area-no injuries occurred	Scaffold Carpenter	Day
<b>(0)-Environmental</b>					
<b>(3)-Life Critical Violation</b>					
7/3/2020	U3 Auxiliary-Room 12461	Subs/Vendors	A Williams painter was observed on a yellow tagged scaffold without being 100% tied off.	Williams Painter	Day
6/29/2020	Unit 3 Auxiliary- Corridor 12111	Subs/Vendors	A PCI Promatec insulator employee (Foreman) did not adequately plan or observe his responsibilities of two (2) apprentices under his control and one of the apprentices was witnessed not practicing 100% tie-off. Foreman was not at the work location at the time of the event.	Promatec Insulator	Day
6/29/2020	Unit 3 Auxiliary- Corridor 12111	Subs/Vendors	A PCI Promatec insulator employee was observed not practicing 100% tie-off while performing work.	Promatec Insulator	Day
<b>(0)-Assessments</b>					



As medical professionals around the nation work to better understand the spread of COVID-19, Vogtle 3&4 has partnered with Augusta University Medical Center (AUMC) to offer voluntary antibody testing for our workforce. AUMC is a leading healthcare institution partnering closely with the Georgia Department of Public Health to combat COVID-19. Antibody testing will help individuals determine if they have been exposed to the virus and have possibly developed antibodies, even if they were asymptomatic. The overall data provided will be used to help our medical professionals better understand the spread of COVID-19 as we continue with our preventative measures here at the site.

AUMC professionals will work with the medical professionals at our onsite medical clinic to carry out the voluntary antibody testing and collect samples from participants. Participation is completely voluntary and will be open to all Vogtle 3&4 badged employees on a first come, first serve basis. Testing will be available [July 13-18, 2020](#) at two locations on site: the cafeteria in Building 302 and the onsite medical clinic. More information will be provided in the coming days on how individuals may sign up to participate.

Once the testing period is complete, we will be made aware of the overall testing results, including the total number of tests administered on site and the total number of positive and negative results. To be clear, specific individual results will remain confidential. Individual results will be provided **only** to the participant and will be accessible through an electronic patient portal provided by AUMC. The site's medical team will not receive any individual test results.

While aggregate data showing the percentage of participants testing positive for the antibodies will be informative, it does NOT imply or confirm any level of immunity or resistance to spreading the virus, according to medical professionals. All individuals, regardless of an antibody test outcome, are strongly encouraged to continue following all precautionary measures recommended by the Centers for Disease Control and Prevention for their own protection and the health and safety of their teammates and our local communities.

We are pleased to work with AUMC in this way and hope that efforts like this will help shape any future additional preventative measures. Thank you for your support as we continue to work together to keep Safety First for ourselves, our teammates and our communities.

A handwritten signature in black ink, appearing to read 'Glen Chick'.

**Glen Chick**  
Executive Vice President of Vogtle 3&4