

Site Nuclear Power Plant

2006 Unit 1 Outage

Safety HIT Team Work Plan

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Introduction:

The purpose of this Work Plan is to identify the actions needed to plan, prepare and put in place the SHOUT Team (Safety & Health Outage Team) for the upcoming U-1 2006 Outage. This plan will serve to identify the organizations needed to be involved in the planning, make-up and execution of the SHOUT Team and provides a means to communicate this plan to those organizations. The Work Plan will also serve to identify necessary actions needed to support the team from management and the applicable support groups. The plan will serve as the guiding document to form the SHOUT Team, address expectations of the team and implementation.

Project Performance:

Scope and Definition of Task:

This team was initially formed during the 2005 outage as an intervention to address the sites poor safety performance at the start of the outage. After implementing this team whose objective was to improve outage safety performance there were no further accidents for the remainder of the outage. As a result, this team will now be a permanent team for future outages and will be known as the SHOUT Team (Safety & Health Outage Team). The objective of this team is to improve outage safety performance by having dedicated and trained personnel out in the field observing work practices. The SHOUT Team will focus their observations on safe behaviors, human performance, field conditions to identify at-risk behaviors and unsafe conditions and will take corrective actions before an accident or injury can occur.

1. Pre-Outage Activities

- Determine what factors caused Site safety performance to decline during the previous outage and the actions needed to improve performance.
- Evaluate lessons learned from the previous outage and develop plans to address.
- Incorporate lessons learned into WSUP training and Vender day.
- Form the SHOUT Team by establishing permanent ORT positions. The team will be made up of ten personnel who will include two COMPANY personnel and two TAG personnel per shift with two personnel from Safety Services providing oversight.
- Determine what major projects are scheduled for the upcoming outage and work with Projects to ensure safety personnel are assigned to the project and are aligned with the SHOUT Team.
- Work with all SWF and Fossil groups to align their safety personnel, if on site with the SHOUT Team.
- Determine if the communications used to distribute the findings of the SHOUT Team were effective and if any changes may be needed.

- Develop training for SHOUT Team members to ensure a good understanding of the Industrial Safety Manual (ISM) exists including human performance.
- Develop a presentation for Vender Day to orient new employees as to what the SHOUT Team is, which is a resource for them to use for safety related questions and issues.
- Develop interventions/contingencies to utilize if injuries occur during the outage.

2. Outage Activities

- The SHOUT Team will begin field observations at least one week prior to the start of the outage. By doing this workers will be familiar with them and their function by the time the outage starts and it also allows an opportunity to modify at-risk behaviors up front.
- Field observations will continue beyond the end of the outage as there is still work taking place to install insulation and remove scaffold. The team will demobilize as the craft does.
- Safety personnel brought in for the outage will support and be part of the SHOUT Team.
- The plant will be divided into segments and team members will perform rotating two hour observations in these areas as appropriate engaging both workers and supervisors on safe work practices.
- Observations will be documented on Industrial Safety Observation Cards and turned in each shift at the 1:00 AM/PM meetings where the data will be reviewed, trended and a summary of the findings will be developed.
- A review of the findings will be made to the Outage Director and the Plant General Manager daily at 3:00 AM/PM and will be presented to the site at the 5:30 AM/PM Outage Turnover meetings. This information will also be available to Site and supplemental work force supervision via a SHOUT brief sheet which will be distributed at the 5:30 AM/PM meetings and will also be sent out via e-mail.

3. Post – Outage Activities

- At the completion of the outage the SHOUT Team will remain in effect but will demobilize as the craft does.
- SHOUT Team members will provide to the Team Leader a written evaluation of the SHOUT process with any suggestions for improvement prior to leaving the site or returning to their normal job.
- The Team Leader will provide a report to Outage Management detailing lessons learned and ideas for improvement which will be incorporated into the SHOUT Team process for future outages.

Requirements for Task Performance

1. Personnel

Safety Services Oversight	2	
Dayshift COMPANY	2	
Dayshift TAG	2	
Nightshift COMPANY		2
Dayshift TAG	2	
Total	10	

There is also an additional COMPANY worker who will provide part time coverage to allow personnel a day off during the week.

Work coverage will be performed 24 hours a day, seven days a week.

2. Materials and Equipment

Pagers will be needed for team members for communications. Each member will be provided a hardhat identifying them as a member of the SHOUT Team. A supply of Industrial Safety Observation Cards and Condition Reports will also be needed to document observations and issues identified.

3. Procedures

Copies of the ISM will be provided for easy access to team members. Team members will be trained on how to access the ISM and SA procedures from the web. In addition each person will be provided a copy of the Site Safety Pocket Guide.

4. Lessons Learned

The Safety HIT Team reviewed the lessons learned from the last outage and have included them into this plan. The lessons learned included:

- Once the Safety HIT Team was implemented no further accidents occurred during the 2005 outage. This supports maintaining the team.
- The team needs to be implemented prior to the start of the outage and continue at least a week beyond the outage until all post outage work is complete.
- Safety Services role needs to be one of a consultant to the team.
- Site specific safety training needs to be provided to the team to help them understand our safety requirements and expectations, where to get safety, fire and health information, and how to handle issues identified in the field during walk downs.
- Observations between 6:00 & 7:00 AM/PM provided no value as little to no work occurred during this time.
- The Team was well accepted after it was understood what their function was, a safety resource. Thus, information on what the teams function is needs to be included in the Vender Day training.
- Information sharing on observations conducted and provided at the 5:30 AM/PM Outage Turnover meetings and the brief sheets proved to be valuable in identifying good work practices which prompted their

continuance. It also helped to identify the at-risk areas that needed to be focused on for the upcoming shift.

5. ALARA

Focused walk downs will be performed in the Containment and Auxiliary Buildings to minimize the time spent in these areas and to maintain ALARA. Determination of actual jobs taking place in the Auxiliary building will be determined by review of the daily work schedule and in discussions with the Health Physics Supervisor. This will reduce the time spent touring in areas where no work is taking place thus reducing dose. In Containment, a detailed tour will be done in the morning and in the afternoon.

6. Safety

Safety is the priority of this team not only for the SHOUT Team members but for all personnel on site. As mentioned previously this team will conduct two hour rotational tours of all areas of the site. They will engage both workers and supervisors on the safety aspects of the tasks they are performing to help maintain their focus on safety and ensure the work methods being used are in compliance with the Industrial Safety Manual. Observations will focus on at-risk behaviors, unsafe conditions and the safe behaviors observed. Immediate corrective actions will be taken if an at-risk behavior or unsafe condition is identified. Personnel and work groups will be recognized for their safe behaviors to promote the continued use of those behaviors. Observations will be documented on Industrial Safety Observation Cards and this information will be tracked and trended and reports will be submitted each shift on the teams findings.

7. Training

A Job Familiarization Guide will be provided to each SHOUT Team member for initial orientation and development as a SHOUT Team member. SHOUT Team members will receive training on the contents of the Industrial Safety Manual and SA Procedures (safety and fire). They will be trained in our human performance process, means to conduct observations, WSUP and how to access the safety web site in order to access the ISM and/or SA Procedures. Members will be trained to work in the radiological area, and as confined space job supervisors.

8. Communications

Communications is a key to the success of the team and our task. Observation data has to be tracked, trended and communicated to the site daily. This will be accomplished by team members documenting their observations on Industrial Safety Observation Cards. These cards will be collected and analyzed at the 1:00 AM/PM SHOUT Team meeting each shift and a briefing sheet developed based on the observation data. Information on the briefing sheet will include both safe observations and areas needing improvement. At 3:00 AM/PM the observation findings will be reviewed with the Outage Director and Plant General Manager.

At the 5:30 AM/PM Outage Turnover meetings the observation results will be discussed and hard copies of the brief sheet will be made available to Site and supplemental work force supervision to take back to review at their 6:00 AM/PM meetings to review with their craft. The brief sheet will also be made available via e-mail for all site personnel to access. SHOUT Team members will be provided pagers for quick contact with Safety Services on issues identified needing their immediate consultation. Contact lists with phone numbers to the supplemental work force groups will also be provided to the team members by Safety Services for resolution purposes. However, expectations are for team members to work through the OCC representatives.

9. Contingency Plan

If the site safety performance is not meeting expectations and injuries occur the following steps will be taken:

- a. Safety Services will work with the Outage Prompt Investigation Team to determine the root causes.
- b. As determined by the Plant General Manager and Outage Director a site safety stand down or tailgate will be developed based on the lessons learned.
- c. Bulletin board postings depicting similar incidents will be displayed at strategic locations to raise awareness. Also a display in the NSF will be considered.
- d. The SHOUT Team will put increased attention and focus on that specific work group and will work with their COMPANY sponsor and supervision to improve performance. If no improvement in safety performance and safety attitudes are noted the Plant General Manager will be notified to discuss further actions.
- e. Consideration will also be given to having the work group sign a contract at each pre-job brief stating they will work safely and use their human performance event free tools in the performance of their duties for that shift.

ATTACHMENT 1

OUTAGE 2006 OBSERVATION AREAS

- 1. Turbine Building**
- 2. Intake Structure (inside and outside)**
- 3. Containment**
- 4. Auxiliary Building**
- 5. Outside Work Areas – Switchyard, RV Head Building, Diesels, Parking Lots**

ATTACHMENT 2

SITE SAFETY CONTRACT

Safety is the top priority at Site. All workers are to perform their work in a safe manner in accordance with the Site Industrial Safety Manual. To support this all workers must use their human performance event free tools at all times.

I _____ agree to perform my work in accordance with the above and agree that safety is my top priority.

Date: _____