



H.R. LaBounty Safety Awards Nomination Form

Nomination Deadlines:

Fall Awards: September 30, 2018

Spring Awards: February 28, 2019

Agency: Kings River Conservation District Jeff L. Taylor Pine Flat Power Plant

Project/Initiative Title: Station Service Battery terminal guards

Employee/Department/Committee Nominated:

Name(s): Hydro Division Staff O&M

Job Title/Department: Hydro Division

Nomination Summary

Write a brief summary of your project/initiative. Clearly state the problem/hazard recognized by the nominee and the specific reasons that they initiated corrective action.

Station Service battery bank terminals and leads are exposed and subject to possible tools touching 2 terminals at once creating an arc. Even though insulated tools are used for work on batteries, extra



protection was found to be necessary for work in and around battery banks. By covering the leads it provides extra protection to Operation and Maintenance personnel from accidentally contacting equipment.

Describe the specific actions taken to resolve the problem(s) or challenge(s). Share the best practices that made this initiative successful for the agency and its impact.

After discussions with staff, a design was developed, and battery banks were measured and material was located to provide a sturdy and non-conductive barrier that was easily removable to allow work to be performed on battery banks. KRCD staff ordered 1/4" plexi-glass sheeting and cut to desired measurement of 3 feet by 9 1/2" for each section. 3/4" x 1 1/2" plexi-glass stock was then cut to length, and glued to the 1/4" thick cover to allow cover to be placed between the battery terminal inter/cell connection bars, to secure the cover in place, And make for easy placement and removal. Yellow and black electrical barrier tape was then added for high visibility and as a warning.

State whether the hazard was reduced with engineering controls, introduced a new administrative or work procedure, or relied on personal protective equipment to solve the problem.

The hazard was reduced by leaving the barriers in place and removing them only when necessary to work on batteries.

Describe any extraordinary circumstances that made this nominee's safety accomplishments significant. Describe whether the nominee influenced safety in the workplace, encouraged employee participation in safety efforts, obtained organizational "buy in" to implement the solution.

Staff worked together developing a easily removable safety barrier. The barrier design allows only a small section of batteries to be exposed at a time.

Describe whether the project/initiative addressed a hazard or exposure included in the JPIA Commitment to Excellence Program.

- Office/Field Ergonomics
- Vehicle Operations
- Slip/trip/falls – falls from heights
- Other: During JPIA inspection the battery terminals being exposed was addressed.

List and attach any supporting materials that you feel are important for the reviewers to gain a complete picture of the nomination. Digital photos, supporting documentation, sample forms, etc.

Pictures attached showing - #1 Batteries with safety barriers in place. #2 Easy removal of safety barriers. #3 Safety barrier removed from one section of battery bank to allow work to be performed.



Nominated by: Daniel G. Adams, Manager Power Plant O&M

Signature: Daniel G. Adams
(Type Name)

Date:7-27-18

General Manager: Paul Peschel
(Type Name)

Date:7-27-18

Please email this form with supporting documents and digital photos to tlofinq@acwajpia.com.



Station Service Batteries Cover and no Cover



Plastic Safety Covers on Station Service Batteries



Placement of Safety Covers on Station Service Batteries



Securing battery cover into place



Securing attachment to place battery cover