

## Barrier provides energized solutions for Diablo Canyon power plant.

## PVC Single-Ply Roofing



*“Barrier did an excellent job.”*

*Joe Higgins  
Pacific Gas & Electric*

## PARTS WAREHOUSE, DIABLO CANYON NUCLEAR POWER PLANT

### The challenge

Security around nuclear power plants is understandably tight, and Barrier was faced with numerous restrictions while re-roofing the plant's large parts warehouse. In addition to undergoing background checks and wearing ID badges, our crews were broken into small groups and accompanied by armed escorts at all times. We were challenged with replacing an old roof originally insulated with corrosive materials, but were limited to removing only as much of the old roof as we could replace the same day. All of this was done while working round-the-clock in a sensitive coastal environment, and consistently meeting strict EPA standards.

### The process

- Removed all gravel roofing and phenolic insulation down to bare metal
- Applied corrosion proof coating to substrate using a chute system
- Applied 2" Isoboard with 1/4" densdeck to secure every square foot for high wind
- Installed under a 60 mils fully adhered Sarnafil roof system
- Worked with contractor to clear out asbestos

### The result

Barrier was able to remove and replace the warehouse roof preventing damage to any of the \$96 million in parts inside. Despite the security and environmental restrictions, the project was a resounding success.

*“It was a long project – two months – and I was pleased with Barrier’s willingness to solve problems in spite of the scope of the job and the security constraints we place. The project was a learning process for Barrier and they were willing to learn and adjust during the project, and in the end, it all worked out well. I was very pleased. Barrier did an excellent job.”*

Project Name	Location
Diablo Canyon Nuclear Power Plant	Avila Beach, CA
Facility Type	
Parts warehouse	
Square Footage	Substrate
103,000 sq. ft.	Metal



**Protect your property - and your profits - with Barrier!**

**Barrier Inc.** | 4620 North Blythe, Fresno, CA 93722 | 559.233.1680 | Fax 559.233.1685 | Toll free 877.233.2003  
| info@barrierroofing.com | www.barrierroofing.com | License #759120 | Serving all of the Western United States