

Audit Summary

Calpine Riverview
Antioch, California

Accident History:

The facility has not had an incident related to the regulated CalARP materials in the last five years.

Introduction

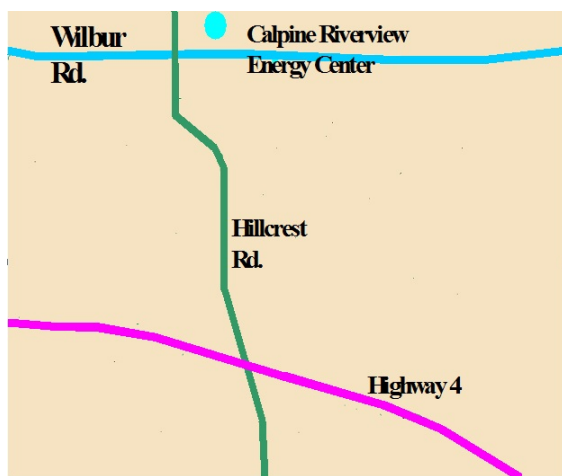
Contra Costa Hazardous Materials Programs (CCHMP) conducted a comprehensive audit/inspection of the policies, and procedures developed Calpine Riverview Energy Center, located at 795 Minaker Drive in Antioch. This audit, conducted in the winter of 2016, was performed to assess compliance with the California Accidental Release Prevention (CalARP) Program. The CalARP program requires the development of prevention programs such as maintenance, operating procedures, contractor safety, personnel training, incident investigations, and understanding hazards at the plant. The inspection also examines the management systems in place to implement these programs and the plant's emergency response program to make sure that the plant is prepared to respond to an emergency involving a hazardous chemical.

During a comprehensive CalARP audit for a facility like Calpine, CCHMP reviews individual safety programs through answering up to 164 questions. The CCHMP 2016 CalARP audit at Calpine resulted in 12 corrective actions for Calpine to implement, and roughly 13 other items that are not required, but may assist in accident prevention.

Based on our audit/inspection, many of the prevention programs meet the regulatory requirements. Identified below are some notable issues found, both good and bad.

Notable Items:

- **Management:** A management system is in place to address process safety elements. The organization chart needs to be updated.
- **Training:** Refresher training for operators needs to be completed every three years related to the operating procedures. Initial training needs to be documented.
- **Maintenance:** The inspections and tests should be performed on time including PSVs. RMP should be updated to include all maintenance activities.
- **Hazard Review:** A hazard review was completed, but in conjunction with the next scheduled hazard review, an inspection needs to be performed to determine whether the process is designed, fabricated, and operated in accordance with the applicable standards or rules.



Additional Information

To review the completed safety audit report, visit the Antioch Public Library at 501 West 18th Street, Antioch, CA 94509 or call 925-335-3200 for an appointment to view the report at CCHMP's office, which is located at 4585 Pacheco Blvd., Suite 100, Martinez, CA, 94553.

For more information, questions, or comments regarding this facility or audit, please send an email to ARPTeam@hsd.cccounty.us

