

DOCKETED

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ORANGE COUNTY FIRE AUTHORITY

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Jeff Bowman, Fire Chief

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November 15, 2016

John Heiser, AICP, Siting – Project Manager
California Energy Commission
1516 Ninth Street, MS 15
Sacramento, CA 95814

**Subject: Stanton Energy Reliability Center (SERC) – Electric Power Plant
10711 Dale Avenue, Stanton CA**

Mr. Heiser,

The Orange County Fire Authority (OCFA) provides Fire/Emergency/HazMat response services for the City of Stanton as well as 23 other cities and unincorporated areas in the County. OCFA has been working with SERC and reviewed the facility's general equipment layout and the fire prevention concepts. Also, the pertinent sections of the Application for Certification (AFC) were reviewed. The main fire prevention components included in this project are:

- Two 49 MW gas turbine generator units, protected by a carbon dioxide suppression system
- Power distribution and control modules for each generator package, each protected by FM200 (or equivalent Clean Agent) suppression system
- One 5,000 gallon aqueous ammonia (19.5% conc.) tank with emergency containment and rapid evacuation sump and leak detection system
- Yard fire hydrants & two fire department access gates
- Lithium ion battery storage equipment enclosures w/ smoke detection system
- Automated fire alarm system

OCFA has permitted facilities very similar to this power plant project in the past, which used aqueous ammonia and anhydrous ammonia. SERC's ammonia storage and containment sump design concept is used at other locations in our jurisdiction. OCFA, and the City of Stanton, will review documentation and detailed plans as they are submitted. Based on our initial review of SERC's preliminary design concepts, OCFA does not anticipate any major issues with being able to satisfy OCFA requirements or being able to provide Fire/Emergency/HazMat response services for the plant.

Respectfully,

Timothy Kerbrat, Deputy Fire Marshal
Office: 714-573-6101

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