



U.S. DEPARTMENT OF
ENERGY



CHAMP FY22 OVERVIEW

FROM SANDIA/CA

OCTOBER 2022

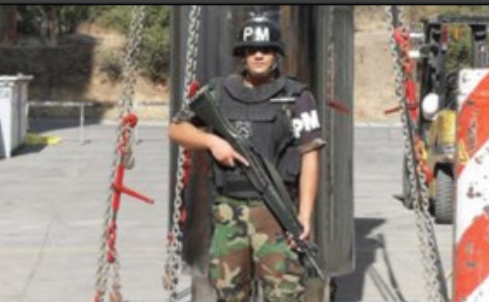


**Sandia
National
Laboratories**

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ENABLING MULTIPLE PROGRAMS



NONPROLIFERATION



EMERGENCY RESPONSE




NAVAL REACTORS



DEFENSE PROGRAMS

■ CHAMP Experience:

- I really appreciated being plugged into a national discussion. Hearing about the latest lead times on active projects helped me work with internal stakeholders on planning for projects funded through other streams too.
- I see even greater opportunities for networking and sharing of best practices across sites.
- Same comment as last year - I can't wait to see some larger funding streams!
 - Recent BUILDER data by building: **HVAC** 

Category	Count
Red	20
Yellow	14
Green	10
 - \$3-4M per year at Sandia/CA via CHAMP isn't putting a dent in the backlog.
- Good news – Between CHAMP and other funding sources, we expect to be purchasing two chillers and ten air handlers in FY23 to replace EOL equipment. This is an aggressive pace for Sandia/CA relative to previous years.

■ Interface with Burns and McDonnell:

- Pursuit of excellence in all facets: communication, coordination, design, etc. I like the continuous improvement mindset.
- With personnel changes in the last year, the program activities have continued to move forward with minimal impact from my vantage point.

■ **Quotes from Sandia Project Manager:**

- The way that CHAMP is run is a distinct advantage over the way we do other projects. Having the same company responsible for design and construction of these potentially complex projects relieves us of a lot of the trouble dealing with multiple subcontractors and the coordination required to get them to work together and support each other when one has to rely upon another for completion of work. In other words less finger pointing as to who's delaying the schedule. We seem to have better success keeping on schedule with CHAMP than other similar efforts.
- The Project Management provided by Burns and McDonnell is high quality and it makes my job as the Sandia PM easier as I can focus more on our customer related communication to help make the construction run smoother. I don't have to be concerned with the PM of construction since they are on top of it.

■ **On the Horizon:**

- Sandia/CA is developing aggressive plans to move to Zero Carbon emissions. This is informing design criteria and project prioritization across disciplines and funding streams.

- **FY22 Accomplishments:**

- Completed Design on C914/C916 Boiler Project.
- Completed Assessment on C929 Air Handler Project.
- Went under contract for C912 Air Handler Project with AHUs on order.

- **FY23 Plans:**

- Complete Construction on C912 Air Handler Project.
- Complete Design revision on C916 Boiler Project to support electrification.
- Complete Construction on C914/C916 Boiler Project.
- Complete Design on C929 Air Handler Project.
- Complete Assessment on C915 Air Handler Project.

- No pictures to share as no new projects completed in FY22.