

### U.S. Department of Energy Renews Services Contract With Scheck Mechanical

Scheck Mechanical has been awarded a three-year extension to its services contract for the U.S. Department of Energy's Argonne National Laboratory Advanced Photon Source. The Scheck Team works with Argonne's top mechanical, electrical, and structural engineers along with scientists and building managers on a variety of special projects. These projects range widely in size and type. As Mechanical General Contractor, Scheck directly employs a variety of trades, managing numerous subcontractors, and is directly involved in each project from concept to completion.

Front-end project work includes: project design, budget estimating, and value engineering; followed by a formal proposal and project delivery plan. Some projects demand an immediate start, often calling for immediate mobilization of large work forces and equipment in order for Argonne scientists to continue research. Other jobs include quick turnaround situations such as beam line shut down or on beam study day.

In addition to the work performed under the APS Services Agreement, Scheck is recognized as a beneficial support team by the General Contractors working on site, including contractors like Walsh Construction, Lindblad

Construction, Crossbow Industrial, Chicago Heights Construction, and Johnson Controls at other buildings on the 2,000 plus acre site. In the past two years Scheck's team completed over 300 different projects at the facility.

#### Some recent projects have included:

- Installation of a Deionized Reverse Osmosis Water System for the Center for Nanoscale Materials (CNM) Research Center. Hundreds of Polypropylene and Polyvinylidene Fluoride fusion welds were successfully executed by Scheck's certified poly fusion welders.
- Piping, electrical, and carpentry for the installation of the research equipment in class 100 to 1,000 clean rooms. This included many Ultra high purity orbital welds, also high purity jacketed tube for the Hydrogen orbital welds done by Scheck's certified welders.

"The majority of the projects at Argonne require a company with a high skill level, experience and certification(s) in numerous procedures. Scheck is fortunate to have strong depth when it comes to its workforce." said Brian Ortiz, Scheck's Project Executive for the facility.



Photo courtesy of NIGMS image gallery.

**Project Team:** Dave Arends, Brian Ortiz, Dennis Moldenhauer, Felix Roman, Ken Setlak