

LOCAL 25, I.B.E.W., Nassau and Suffolk Counties, Long Island, NY

January / February 2010

## BNL'S NATIONAL SYNCHROTRON LIGHT SOURCE II MOVES FORWARD

The NSLS-II project at Brookhaven National Laboratory is finally under construction. The 912 million dollar facility is located on some 40 acres of property just east of the newly completed CFN Nanocenter. When completed in 2014/15, the research center will allow for unprecedented levels of examination regarding small particle discoveries into medical, energy and material sciences.

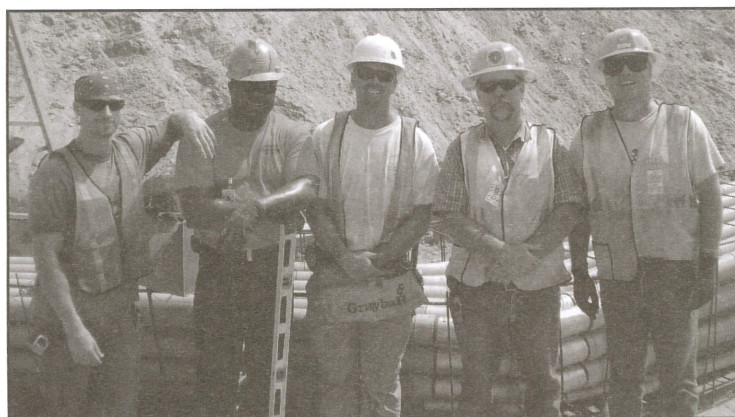
Currently Local 25 has two contractors working at the site. Gordon L. Seaman has been awarded the contract for the electrical construction of the building. Hinck Electric has been awarded the contract for the network of electrical site distribution associated with the facility. To appreciate the scope of the site distribution work, it involves installation of the

following equipment: 8 unit substations, 8 4000A-480V 3 phase services, 5 miles 1,000 KCMIL 15KV cable (parallel sets), 15 miles of 500 KCMIL 600V cable – (all with associated 6" and 4" PVC duct banks), 3 site pump stations, 2-700 KW emergency generators with 10 ATS's and numerous duct bank runs – some ranging almost 20 feet below grade.

There is also an addition to the nearby substation (with an associated duct bank) being done by Bana Electric. This will be used to provide the new NSLS service with its own primary service.

Construction schedules should continue to ramp up with increases in manpower support taking place throughout 2010 and well into 2011 and 2012. There is also

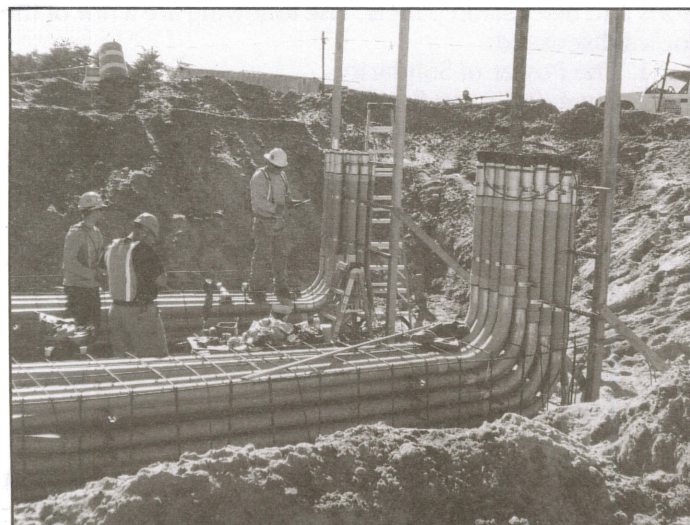
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*(L-R) Andrew Ferrizz, Sam Parris, Marty Johnson, John Martyn, Matt Baumer.*



stimulus money coming to the lab to help with other construction projects most notably the 65 million dollar Interdisciplinary Science Building (ISB), which is scheduled to start in 2010. The photos were taken by Hinck Electric Foreman John Martyn as construction of the site's duct banks progressed during 2009.



**A Dead Circuit Never Killed Anyone**