

U.S. SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C.

KEY PARAMETERS

- Type of Facility – New Construction
- Function – Government
- Area – 10 stories, 1,000,000 sf
- Project Completed – 2005

SEC Station Place buildings 1 & 2 have won a number of awards including the Associated General Contractors of Metropolitan Washington DC for excellence in construction, the 2006 Associated Builders and Contractors DC Chapter – Excellence in Construction Award for Commercial Projects and the 2006 Associated General Contractors of America (AGC) DC Chapter – Washington Contractor Award for New Construction.



Challenges: 1) Improve indoor air quality with high efficiency filtration, and 2) reduce the airside static pressure and subsequently reduce the airside noise generated, to enable the developer to meet NC sound level requirements for the client. In addition, there



have been discussions about retrofitting the air handlers with parabolic UV lamps and reflectors to provide additional protection for building occupants.

Solution: Dynamic V-Bank Air Cleaning Systems were installed in forty-one rooftop air handling units and two 100% outside air units.

Results: The low static pressure characteristics

inherent in Dynamic Air Cleaners, relative to traditional high-efficiency passive filters, allowed designers to successfully reduce static pressure and reduce air noise throughout the building.

In addition, facilities personnel have seen reductions in maintenance costs resulting from longer service intervals with the Dynamic V-Banks. According to Ted Sakkos, the chief engineer with Property Group Partners, "I've only needed to replace the Dynamic filter media twice in ten years."



TEAM

- Client – Louis Dreyfus Property Group
- Architect – Kevin Roche John Dinkeloo & Associates
- Base Building Engineers – Joseph R Loring & Associates
- Tenant Engineers - KTA
- General Contractor – Turner Construction Co.
- Mechanical – W.E. Bowers Associates, Inc.

MECHANICAL SYSTEMS

- HVAC – Trane
- Building Controls – Trane Tracer Summit
- Energy Monitoring – Trane Tracer Summit

www.DynamicAQS.com