

## Marymount Convent

### *Emergency Generator*

Tarrytown, NY

#### **The Buildings:**

Marymount Convent is the home of many of the retired or chronically ill sisters of the Order of the Religious of the Sacred Heart of Mary. The building is three stories tall and is approximately 150,000 sq. ft. It contains private sleeping rooms for the sisters, a full commercial kitchen and dining hall, meeting rooms, a chapel and business offices. The south wing of the building is leased to the Institute of Applied Human Dynamics, which provides services for the developmentally disabled. It contains classrooms and offices.



#### **Nature of Firm's Responsibilities:**

Landmark Facilities Group, Inc. (LFG) was retained as the engineering design professional to size and design an emergency generator for the building including the south wing, which is served by a separate incoming electric service. LFG designed a new 600 kW diesel engine powered emergency generator with separate automatic transfer switches for each of the two electric services. The generator was placed outdoors on a diked concrete pad in an acoustically designed fenced corral, so that all environmental and sound ordinances were met. LFG attended evening town public meetings as part of the approval process and permitting process. LFG remained involved through construction reviewing shop drawings and providing site visits to ensure that the installation complied with the project specifications.