

PROJECT

United Nations Building
Exterior Envelope Rehabilitation
New York, New York

CLIENTS

Integrated Conservation Resources, Inc.
New York, New York

R.A. Heintges & Associates
New York, New York

PROJECT DESCRIPTION

Atkinson-Noland was involved in several phases of work at the United Nations building complex as part of a 50-year rehabilitation effort on the Secretariat, General Assembly, and Conference Buildings. We assisted Integrated Conservation Resources on the initial condition survey by documenting as-built conditions and distress throughout the stone facades. Additional project phases included evaluation of stone anchorage, corrosion evaluation of anchors and structural steel, development of repair details, and working with the project architect and general contractor to phase repair work.

SERVICES PROVIDED BY ATKINSON-NOLAND

- Infrared scanning to locate damp areas and moisture intrusion
- Microwave radar scanning to identify internal voids and locate metal elements
- Flatjack in situ stress determination
- Probe openings and investigation of metal corrosion
- Laboratory testing of brick and stone samples for compressive strength and thermal expansion coefficient
- Design and detailing for retrofit anchors
- Design and detailing to address steel corrosion



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