

PHOTOVOLTAIC SKYLIGHT NEW CONSTRUCTION

The US National Nuclear Security Administration (NNSA) complex in Albuquerque, New Mexico, shifted its focus **from nuclear to solar energy** by installing a photovoltaic glass atrium in its renovated facilities.

The client opted for **amorphous silicon insulating glass units**, facilitating natural light inside the building. To adapt to local heat conditions, the glass makeup included a **16 mm (31/50") Argon spacer and a low-e coating, optimizing the thermal performance of the PV glass.**



TECHNICAL DATA

Nominal Power (Wp/m ²)	32 Wp/m ²
Visible Light Transmittance (VLT)	16%
Solar Factor (g-value)	12%
U value (W/m ² K)	1.35
U value (Btu/h ft ² °F)	0,23
Light Reflection (external)	8%



TECHNICAL DATA SHEET



US NUCLEAR SECURITY ADMIN.
NEW MEXICO, UNITED STATES
SKYLIGHT

AMORPHOUS SILICON TECHNOLOGY

