

Nuclear Shield Doors



Customer: K-A-T Nuclear JV

Location: Box Encapsulation Plant,
BNFL Sellafield, United Kingdom

DavyMarkham in joint partnership with K-A-T Nuclear designed and manufactured a Shield Door for use in closing off the storage vaults in the Box Encapsulation Plant (BEP) at BNFL Sellafield.

The Shield Door travels on pneumatic air skates, which are activated when movement of the Door by the rack and pinion drive assembly is necessary.

Seismic restraints are fitted to protect the Door and structure in the event of a design base earthquake.



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