



CASE HISTORY

Preservation of Electrical Control Cabinets

PRODUCTS

VpCI®-111 Emitters
VpCI®-126 Blue® Film

PROBLEM

NIE found that corrosion in their outdoor electrical control cabinets - during shipment, storage, and use led to corrosion failures. This was expensive for the company and inconvenient for the customer base. The corrosion issue was greatest at coastal locations but also affected inner city sites.

APPLICATION

During shipment and storage the cabinets are protected from corrosion with VpCI®-126 Blue Film. During use the cabinets are opened periodically for maintenance/inspection purposes at which time the appropriate number of VpCI®-111 Emitters are installed. Once installed and the cabinet is closed the VpCI® emitter corrosion protection molecules are ionically attracted to all metal surfaces within the enclosure thus protecting it from corrosion.

CONCLUSION

NIE has found that the continued use of VpCI®-126 Blue Film and VpCI®-111 Emitters has proven to be an economical and long lasting method of protection. The easy to install emitters minimize remedial work, maintenance, and failure costs. NIE, aware of the low VOC, is happy to be using such a cost effective, environmentally friendly product.

DATE

2000 - Present

CORTEC® REPRESENTATIVE

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CUSTOMER

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LOCATION

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