

D/ S-BESSE NUCLEAR POWER STATION

Report of Shipping Damage to Containment Vessel Equipment Hatch.

Background

The containment vessel for the Davis-Besse Station is being fabricated and field-erected by the Chicago Bridge & Iron Company and is in final stages of erection.

The 13-foot diameter equipment hatch for this structure had been shipped to the job site on April 11, 1972. After shipment, a routine internal CB&I shop audit disclosed that welder attachments had been attached after stress relieving, which required further stress relieving.

On May 24, 1972, this equipment hatch was shipped from the site to the Chicago plant for stress relieving in the shop facilities.

Incident

On May 28 or 29, 1972, while the shipping car was on the Penn Central Railroad at Elkhart, Indiana, the shipping car was humped sufficiently to damage the equipment hatch. Upon arrival at the CB&I Chicago plant, inspection revealed damage to the extent that repair would be necessary.

Inspection and Repair

A complete inspection and repair procedure with results of damage was submitted under date of June 6, 1972, and approved on June 9, 1972.

The damage consisted of two dented-in areas of the dished door head. The entire head was cleaned of paint, the weld seams and attachment welds were sandblasted and magnetic particle tested.

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The center portion of the door head containing the two dented areas was cut out and replaced with a new dished center plate.

The entire equipment hatch assembly was then stress relieved, final inspected, and finished for shipment.

The inspection, repair, and stress relieving was completed and the hatch assembly re-shipped to the job site on June 14, 1972. Installation of the hatch assembly in the containment vessel commenced on June 26, 1972, and is essentially complete.

#### Summary

The shipping damage to the containment vessel equipment hatch was inspected and repaired using detailed approved procedures in the manufacturer's plant and the hatch meets all requirements of the codes and specifications under which it was manufactured.

August 3, 1972