NRC FORM 366
(7-77)

U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

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TOLEDO EDISON COMPANY
DAVIS-BESSE UNIT ONE NUCLEAR POWER STATION
SUPPLEMENTAL INFORMATION FOR LER NP-33-78-114

DATE OF EVENT: September 15, 1978

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Component Cooling Water Loop 2 declared inoperable due to error in Service Water Valve Lineup

Conditions Prior to Occurrence: The unit was in Mode 1, with Power (MWT) = 2495, and Load (MWE) = 830.

Description of Occurrence: On September 15, 1978 at 1144 hours, Component Cooling Water (CCW) Pump 2 tripped due to high CCW heat exchanger 2 outlet temperature. Technical Specification 3.7.3.1 requires two CCW loops while the unit is in Modes 1 through 4. Technical Specification 3.7.3.1 requires that with one CCW loop inoperable, the inoperable loop must be restored to operable status within 72 hours or the unit be in hot standby within six hours and cold shutdown within the next 30 hours.

Designation of Apparent Cause of Occurrence: The cause of this occurrence is personnel error. It was discovered that the service water from CCW Heat Exchanger 1-2 Outlet Isolation Valve SW 38 was closed. Operations personnel had failed to re-open the valve after the service water flow balance on September 11, 1978.

Analysis of Occurrence: There was no danger to the health and safety of the public or to unit personnel. CCW Loop 1 remained operable, and while loop 2 was inoperable, no condition requiring actuation of any safety features actuation system occurred.

Corrective Action: CCW Pump 2 was started by defeating the high temperature trip and SW 38 was reopened. At 1317 hours on September 15, 1978, CCW Loop 2 temperature returned to below the 95°F limit, the interlock was restored and CCW Loop 2 was declared operable. This removed the unit from the Action Statement of Technical Specification 3.7.3.1. All operators will be informed by a memo of the circumstances of this incident and proper operator actions to prevent recurrence.

Failure Data: Although there have been previous reported personnel errors in valve lineups, there has been no previously reported service water valve lineup errors.

LER #78-098