

PRECURSOR DESCRIPTION AND DATA

NSIC Accession Number: 164703

Date: May 18, 1981

Title: Loss of offsite power at La Crosse

The failure sequence was:

1. The reactor was operating at 28% power.
2. The switchyard operator was directed to open a switch in response to another situation, but he opened the wrong switch, disconnecting the auxiliary transformer from the 69 kV transmission line. This resulted in a loss of all offsite power.
3. The reactor scrambled and the diesel generators started automatically and supplied the required vital loads.

Corrective action:

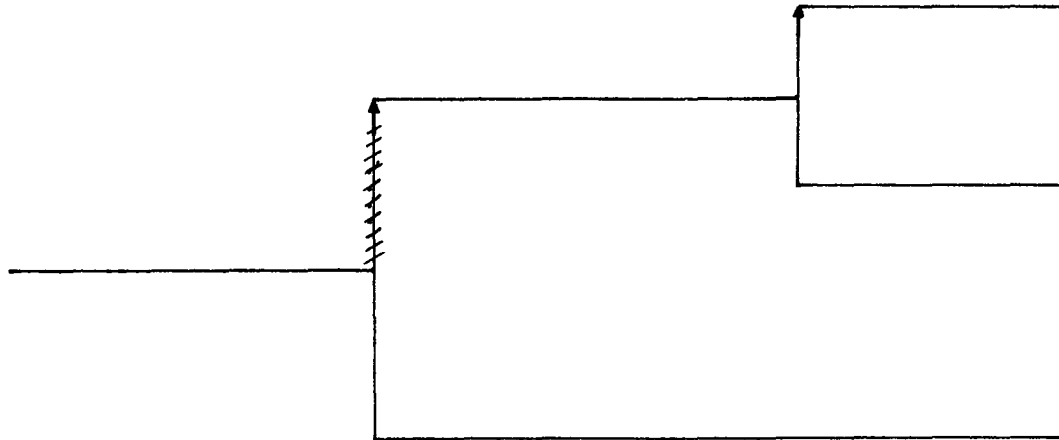
1. Offsite power was restored within 14 min.
2. Practices were revised to require outside switching order to be executed in the presence of a second person whenever possible.
3. Additional practical training was to be provided on the switchyard for all operators.

Design purpose of failed system or component:

Offsite power provides the preferred source of power to plant loads when the unit generator is unavailable.

Reactor operating at 28% power	Operator switching error disconnecting offsite power networks	Emergency power operates
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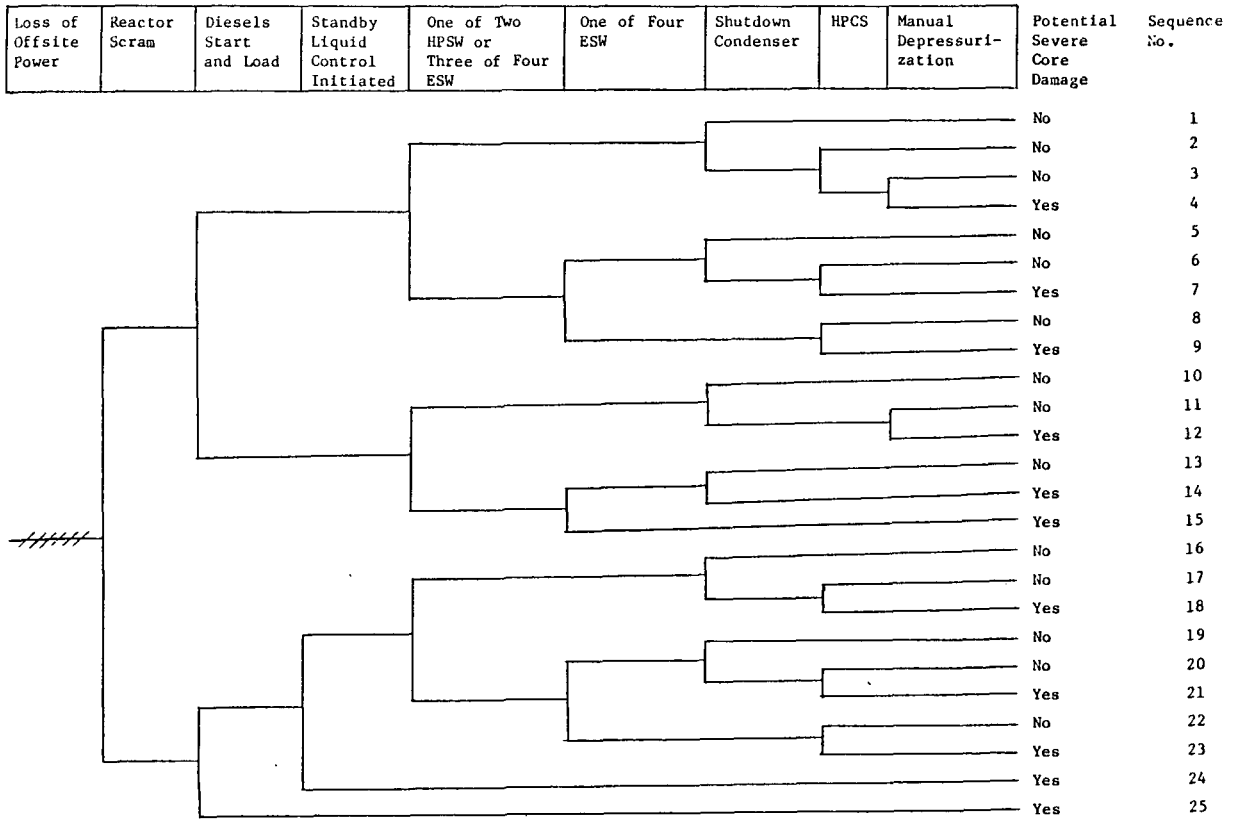
Potential
Severe
Core
Damage



No

No - separate diesel-powered service water system available for core cooling

No



NSIC 164703 - Sequence of Interest for LOOP at La Crosse

CATEGORIZATION OF ACCIDENT SEQUENCE PRECURSORS

NSIC ACCESSION NUMBER: 164703

LER NO.: 81-002 Rev. 1

DATE OF LER: May 18, 1981

DATE OF EVENT: February 1, 1981

SYSTEM INVOLVED: Offsite power

COMPONENT INVOLVED: Switch

CAUSE: Operator error

SEQUENCE OF INTEREST: LOOP

ACTUAL OCCURRENCE: LOOP

REACTOR NAME: La Crosse

DOCKET NUMBER: 50-409

REACTOR TYPE: BWR

DESIGN ELECTRICAL RATING: 50 MWe

REACTOR AGE: 13.6 years

VENDOR: Allis-Chalmers

ARCHITECT-ENGINEERS: Sargent & Lundy

OPERATORS: Dairyland Power Cooperative

LOCATION: 19 miles south of LaCrosse, Wisconsin

DURATION: 14 minutes

PLANT OPERATING CONDITION: 28% power

TYPE OF FAILURE: Made inoperable

DISCOVERY METHOD: Operational event

COMMENT: