

NORTHEAST UTILITIES



THE CONNECTICUT LIGHT AND POWER COMPANY
THE HARTFORD ELECTRIC LIGHT COMPANY
WESTERN MASSACHUSETTS ELECTRIC COMPANY
HOUSACK WATER POWER COMPANY
NORTHEAST UTILITIES SERVICE COMPANY
NORTHEAST NUCLEAR ENERGY COMPANY

General Offices • Selden Street, Berlin, Connecticut

P.O. BOX 270
HARTFORD, CONNECTICUT 06101
(203) 666-6911

October 12, 1982

MP-4216

Mr. Ronald C. Haynes
Regional Administrator, Region I
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

Reference: Facility Operating License No. DPR-21
Docket No. 50-245
Reportable Occurrence RO-82-18/1T

Dear Mr. Haynes:

This letter forwards the Licensee Event Report for Reportable Occurrence RO-82-18/1T required to be submitted within 14 days pursuant to the requirements of the Millstone Unit 1 Technical Specifications, Section 6.9.1.8.i. An additional three copies of the report are enclosed.

Yours truly,

NORTHEAST NUCLEAR ENERGY COMPANY

E. J. Mroczka

Station Superintendent
Millstone Nuclear Power Station

EJM/TST:mo

Attachment: LER RO-82-18/1T

cc: Director, Office of Inspection and Enforcement, Washington, D.C. (30)
Director, Office of Management Information and Program Control,
Washington, D. C. (3)
U.S. Nuclear Regulatory Commission, c/o Document Management Branch,
Washington, D.C. 20555

8210210425 821012
PDR ADOCK 05000336
S PDR

IE22

ATTACHMENT TO LER 82-18/1T
NORTHEAST NUCLEAR ENERGY COMPANY
MILLSTONE NUCLEAR POWER STATION - UNIT 1
PROVISIONAL LICENSE NUMBER DPR-21
DOCKET NUMBER 245

Identification of Occurrence

Performance of systems were discovered that require corrective measures to prevent operation in a manner less conservative than assumed in the Safety Analysis Report.

Conditions Prior to Occurrence

Prior to occurrence the plant was shutdown for a planned refueling outage.

Description of Occurrence

On September 25, 1982, at 1500 hours, while performing a remote visual inspection of the core spray spargers, a crack indication was identified on one of the core spray spargers to junction box welds. Inspection of the remaining three junction boxes revealed no indications.

Apparent Cause of Occurrence

The cause of the indication is believed to be high weld residual stresses. Stress Corrosion Cracking may have initiated and/or propagated the indication.

Analysis of Occurrence

The Core Spray system provides core cooling in the event of an emergency. With the plant shutdown and defueled the system was not required to be operable.

Prior to startup a detailed analysis will be performed on the effects of the indication on the operation of the Core Spray system.

Corrective Action

Prior to startup the plant will install a sparger hold clamp. This set up has been implemented at other plants and proven satisfactory.