

January 25, 1982

Packet No. 50-245
LS05-82- 01-062



Mr. W. G. Council, Vice President
Nuclear Engineering and Operations
Northeast Nuclear Energy Company
Post Office Box 270
Hartford, Connecticut 06101

Dear Mr. Council:

SUBJECT: MILLSTONE - REQUEST FOR ADDITIONAL INFORMATION REGARDING
SEP TOPIC III-3.C, INSERVICE INSPECTION OF WATER CONTROL
STRUCTURES

In order to complete our review of SEP Topic III-3.C, Inservice Inspection of Water Control Structures, additional information is necessary. Please provide answers to the attached questions within 30 days from the date of this letter.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

Dennis M. Crutchfield, Chief
Operating Reactors Branch No. 5
Division of Licensing

Enclosure:
As stated

cc w/enclosure:
See next page

SEO!
1/1
OSU 456 (27)
ADD: S. Staley
D. Person 40

8201290036 820125
PDR ADOCK 05000245
Q PDR

OFFICE	SEP B <i>Lucy</i>	SEP B	SEP B <i>CR</i>	ORB #5	ORB #5 <i>CR</i>	AD:SA:DL	
SURNAME	RFell:bl	GCWalina	WRussell	JShea	DCrutchfield	GLainas	
DATE	1/6/82	1/21/82	1/22/82	1/22/82	1/22/82	1/23/82	

Mr. W. G. Council

cc

William H. Cuddy, Esquire
Day, Berry & Howard
Counselors at Law
One Constitution Plaza
Hartford, Connecticut 06107

Natural Resources Defense Council
917 15th Street, N. W.
Washington, D. C. 20005

Northeast Nuclear Energy Company
ATTN: Superintendent
Millstone Plant
P. O. Box 128
Waterford, Connecticut 06385

Mr. Richard T. Laudenat
Manager, Generation Facilities Licensing
Northeast Utilities Service Company
P. O. Box 270
Hartford, Connecticut 06101

Resident Inspector
c/o U. S. NRC
P. O. Box Drawer KK
Niantic, Connecticut 06357

Waterford Public Library
Rope Ferry Road, Route 156
Waterford, Connecticut 06385

First Selectman of the Town
of Waterford
Hall of Records
200 Boston Post Road
Waterford, Connecticut 06385

John F. Opeka
Systems Superintendent
Northeast Utilities Service Company
P. O. Box 270
Hartford, Connecticut 06101

U. S. Environmental Protection Agency
Region I Office
ATTN: EIS COORDINATOR
JFK Federal Building
Boston, Massachusetts 02203

Connecticut Energy Agency
ATTN: Assistant Director
Research and Policy
Development
Department of Planning and
Energy Policy
20 Grand Street
Hartford, Connecticut 06106

(DRAFT)

REQUEST FOR ADDITIONAL INFORMATION

HYDROLOGICAL CONSIDERATIONS

INSERVICE INSPECTION OF WATER CONTROL STRUCTURES

NORTHEAST NUCLEAR ENERGY COMPANY

MILLSTONE NUCLEAR POWER STATION

NRC DOCKET NO. 50-245

NRC TAC NO. 41556



Franklin Research Center

A Division of The Franklin Institute

The Benjannin Franklin Parkway, Phila., Pa. 19103 (215) 448-1000

BACKGROUND

This Request for Additional Information (RFI) is the result of an evaluation of the Licensee's submittal of August 31, 1981 for the systematic evaluation program (SEP) Topic III-3.C, "Inservice Inspection of Water Control Structures," for the Millstone Nuclear Power Station. The purpose of this SEP topic is to assess the conformance of the present inspection program for water control structures to Regulatory Guide 1.127 (Inspection of Water Control Structures Associated with Nuclear Power Plants). This includes evaluation of pertinent elements of the Licensee's program against current criteria and the safety significance of any deviations.

Inadequacies in the Licensee's submittal raised certain concerns which are addressed by this RFI. The information obtained by this RFI will supplement other docketed information concerning inservice inspection of water control structures and will be used to resolve all outstanding issues under this SEP topic.

ITEM 1

CONCERN

Regulatory Guide 1.127 suggests that a detailed checklist be developed and used for inspection of each water control structure, paying particular attention to detecting evidence of leakage, erosion, seepage, slope instability, undue settlement, displacement, tilting, cracking, deterioration, and improper functioning of drains and relief wells. Although the Licensee's submittal identified a few of the items to be inspected for each water control structure, the list was not comprehensive.

REQUEST

Provide evidence, such as a copy of the inspector's checklist review sheet, indicating the items or features subjected to review or scrutiny during inspection of water control structures at the Millstone Nuclear Power Station. If a detailed checklist is not used, provide the mechanism used by the inspector to report his findings.

ITEM 2

CONCERN

Regulatory Guide 1.127 states that the inspection of water control structures should be conducted under the direction of qualified engineers experienced in the investigation, design, construction, and operation of such facilities. No statement indicating compliance with this principle was made in the Licensee's submittal.

REQUEST

Verify that the inspections are performed by or under the direct supervision of competent engineering personnel.