January 25, 1982

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

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

Dear Mr. Counsil:

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 clearence 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

> 8201290036 820125 PDR ADDCK 05000245 PDR

 L	AD:SA:DL	DCrutchfield	ORB#5 A.(SEPB (SEPB	SEPB Luste	OFFICE
 	GEainas	DCrutchfield	JShea 110	WRussell	GCWalina	RFell:bl	SUBNAME
 ****	1/25/82	1/22/82	1/2/782	1/2/82	1/21/82	1/61/82	DATE
	1/43/82	1.7.1.87	1/4//82	1./.2.74.82	1./.82	1/6/.82	DATE

Mr. W. G. Counsil

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 05106

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

NRCTAC NO. 41556

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

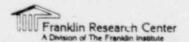
CONCERN

REAL PROPERTY.

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.



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

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