

TABLE OF CONTENTS

	<u>Page</u>
I. INTRODUCTION	1
A. Authority and Purpose.....	1
B. Brief Project Description.....	1
C. Scope of this Submission.....	2
D. The Applicant.....	3
E. Application Fee	4
F. Section 16-50l(c) Compliance.....	4
G. Application Guide	4
II. SERVICE AND NOTICE REQUIRED - CONN. GEN. STAT. § 16-50	5
A. Local Input Process	5
B. Notice of Filing.....	5
III. REQUIRED INFORMATION	6
A. Detailed Description of ISFSI.....	6
1. Background	6
2. Millstone Property.....	6
3. Management of Spent Nuclear Fuel.....	7
4. Dry Storage Proposal for Millstone	8
5. Maintenance and Operation	11
6. U.S. Nuclear Regulatory Commission - General License.....	11
7. Security and Emergency Services.....	13
8. Site Selection Process	14
B. Environmental Effects.....	14
1. Wetlands and Watercourses	14
2. Stormwater Drainage	16
3. Site Ecology	17
4. Noise	18
5. Historic and Archeological Resources	19
6. Visibility.....	19
7. Recreational.....	20
8. Public Drinking Water Supply	20
9. Traffic.....	21
10. State and Local Land Use Controls.....	21
11. Existing and Future Development.....	24
12. Adjacent Land Uses	24
13. Mitigation Measures to Minimize Effects.....	24

C.	Consultations with Federal, State and Local Officials	25
1.	U.S. Nuclear Regulatory Commission.....	25
2.	Connecticut Department of Environmental Protection	26
3.	Connecticut Historical Commission/State Historic Preservation Officer .	26
4.	Municipal Consultation - Town of Waterford	26
5.	Municipal Consultation - Town of East Lyme.....	31
6.	Public Information Sessions.....	32
D.	Estimated Cost and Schedule	32
1.	Construction Costs	32
2.	Construction Schedule	32
IV.	CONCLUSION.....	33