

July 26, 2004

Ms. Marilyn Kray
Vice President, Project Development
Exelon Generation
200 Exelon Way, KSA3-N
Kennett Square, PA 19348

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 9 - EXELON
EARLY SITE PERMIT APPLICATION FOR THE CLINTON ESP SITE (TAC NO.
MC1122)

Dear Ms. Kray:

By letter dated September 25, 2003, Exelon Generation Company, LLC (Exelon) submitted its application for an early site permit (ESP) for the Clinton ESP site.

The Nuclear Regulatory Commission (NRC) staff is performing a detailed review of the Site Safety Analysis Report (SSAR) in your ESP application to ensure that the information is sufficiently complete to enable the NRC staff to reach a final conclusion on all safety questions associated with the site before the ESP is issued. The NRC staff has determined that additional information is necessary to continue the review. The topic covered in the request for additional information (RAI) contained in Enclosure 1 is quality assurance. These RAIs were sent to you via electronic mail (e-mail) on June 11 and July 19, 2004.

Receipt of requested information within 75 days of the date of this letter will support the NRC's efficient and timely review of Exelon's ESP application. Please note that failure to provide a response in a timely fashion may result in a delay of completion of the staff's safety evaluation report. If you have any questions or comments concerning this matter, you may contact me at (301) 415-1180 or nvg@nrc.gov.

Sincerely,

/RA/

Nanette V. Gilles, Exelon ESP Project Manager
New Reactors Section
New, Research and Test Reactors Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket No. 52-007

Enclosure: As stated

cc: See next page

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DOCUMENT NAME: C:\ORPCheckout\FileNET\ML042020371.wpd
ACCESSION NO. ML042020371

OFFICE	RNR/PM	IPSB/SC	OGC	RNR/SC
NAME	NGilles	DThatcher	AHodgdon	LDudes
DATE	07/20/04	07/21/04	07/23/04	07/23/04

OFFICIAL RECORD COPY

Exelon Early Site Permit (ESP) Application
Site Safety Analysis Report (SSAR)
Quality Assurance
Requests for Additional Information (RAI)

ESP Quality Assurance

RAI 17.1.1-2

Please describe the quality assurance (QA) measures used to authenticate and verify data retrieved from internet websites that supports information in the SSAR that would affect the design, construction, or operation of structures, systems, and components important to safety.

RAI 17.1.1-3

- a) Section 8 of Exelon Generation Company's (EGC's) document AP-AA-1000, "Early Site Permit Project Quality Assurance Instructions," Revision 0, and Section 2.8 of CH2M HILL's "Project Quality Plan for Exelon Early Site Permit," Revision 4, state that the safety-related scope of the development of the ESP application would not involve the use of QA measures for identification and control of materials, parts, or components. Please describe why these QA measures were not applicable to the development of the ESP application. Alternatively, if these QA measures were applicable to the ESP application, please describe the QA measures used by EGC and the primary contractor (CH2M HILL) for these activities.
- b) Section 9 of EGC's document AP-AA-1000, "Early Site Permit Project Quality Assurance Instructions," Revision 0, and Section 2.9 of CH2M HILL's "Project Quality Plan for Exelon Early Site Permit," Revision 4, state that the safety-related scope of the development of the ESP application would not involve the use of QA measures for control of special processes. Please describe why these QA measures were not applicable to the development of the ESP application. Alternatively, if these QA measures were applicable to the ESP application, please describe the QA measures used by EGC and the primary contractor (CH2M HILL) for these activities.
- c) Section 10 of EGC's document AP-AA-1000, "Early Site Permit Project Quality Assurance Instructions," Revision 0, and Section 2.10 of CH2M HILL's "Project Quality Plan for Exelon Early Site Permit," Revision 4, state that the safety-related scope of the development of the ESP application would not involve the use of QA measures for inspection. Please describe why these QA measures were not applicable to the development of the ESP application. Alternatively, if these QA measures were applicable to the ESP application, please describe the QA measures used by EGC and the primary contractor (CH2M HILL) for these activities.
- d) Section 14 of EGC's document AP-AA-1000, "Early Site Permit Project Quality Assurance Instructions," Revision 0, and Section 2.14 of CH2M HILL's "Project Quality Plan for Exelon Early Site Permit," Revision 4, state that the safety-related scope of the development of the ESP application would not involve the use of QA measures for inspection, test, and operating status. Please describe why these QA measures were not applicable to the development of the ESP application. Alternatively, if these QA measures were applicable to the ESP application, please describe the QA measures used by EGC and the primary contractor (CH2M HILL) for these activities.

- e) Section 15 of EGC's document AP-AA-1000, "Early Site Permit Project Quality Assurance Instructions," Revision 0, and Section 2.15 of CH2M HILL's "Project Quality Plan for Exelon Early Site Permit," Revision 4, state that the safety-related scope of the development of the ESP application would not involve the use of QA measures for nonconforming materials parts, or components. Please describe why these QA measures were not applicable to the development of the ESP application. Alternatively, if these QA measures were applicable to the ESP application, please describe the QA measures used by EGC and the primary contractor (CH2M HILL) for these activities.

RAI 17.1.1-4

Please provide copies of the following documents that were reviewed during the NRC's special team inspection that was conducted from January 12-16, 2004, to review aspects of applicant and contractor quality control activities involved with the preparation of the application for the Clinton ESP:

- a.) AP-AA-1000, "Early Site Permit Project Quality Assurance Instructions," Revision 0
- b.) DEL-012-4, "Project Quality Plan for Exelon Early Site Permit," Revision 4, dated December 10, 2002

RAI 17.1.1-5

A special team inspection was conducted from January 12-16, 2004, to review aspects of applicant and contractor quality control activities involved with the preparation of the application for the Exelon ESP. The team identified an open item regarding an issue which was not addressed during the inspection. The open item involves the applicability of 10 CFR Part 21, "Report of Defects and Noncompliance," to the Exelon ESP project. Please describe the actions taken to ensure the Exelon ESP project complies with Part 21. Refer to the NRC letter sent to Nuclear Energy Institute (NEI) and to all of the other ESP applicants dated June 22, 2004 (Accession No. ML040430041), on the subject "Applicability of 10 CFR Part 21" for further information.

Distribution for Request For Additional Information Letter No. 9 dated July 26, 2004

Hard Copy

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RNRP R/F

NGilles

WBeckner

LDudes

MScott

RAnand

E-Mail

JDyer/RBorchardt

DMatthews/FGillespie

BBoger/CCarpenter

ACRS

AHodgdon,OGC

TSmith, OGC

TQuay

DThatcher

NGilles

PPrescott

KHeck

SDennis

TKenyon

Exelon ESP

cc:

Mr. David Lochbaum
Union of Concerned Scientists
1707 H Street, NW
Suite 600
Washington, DC 20006-3919

Mr. Paul Gunter
Director of the Reactor Watchdog Project
Nuclear Information & Resource Service
1424 16th Street, NW, Suite 404
Washington, DC 20036

Mr. Adrian Heymer
Nuclear Energy Institute
Suite 400
1776 I Street, NW
Washington, DC 20006-3708

Mr. Russell Bell
Nuclear Energy Institute
Suite 400
1776 I Street, NW
Washington, DC 20006-3708

Mr. Thomas P. Miller
U.S. Department of Energy
Headquarters - Germantown
19901 Germantown Road
Germantown, MD 20874-1290

Mr. James Riccio
Greenpeace
702 H Street, NW, Suite 300
Washington, DC 20001

Mr. Rod Krich
Vice President, Licensing Projects
Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

Ms. Patricia Campbell
Winston & Strawn
1400 L Street, NW
Washington, DC 20005

Mr. James F. Mallay, Director
Regulatory Affairs
FRAMATOME, ANP
3315 Old Forest Road
Lynchburg, VA 24501

Mr. Ernie H. Kennedy
Vice President New Plants
Nuclear Plant Projects
Westinghouse Electric Company
2000 Day Hill Road
Windsor, CT 06095-0500

Dr. Regis A. Matzie
Senior Vice President and
Chief Technology Officer
Westinghouse Electric Company
2000 Day Hill Road
Windsor, CT 06095-0500

Ms. Marilyn Kray
Vice President, Project Development
Exelon Generation
200 Exelon Way, KSA3-N
Kennett Square, PA 19348

Mr. Thomas Mundy
Director, Project Development
Exelon Generation
200 Exelon Way, KSA3-N
Kennett Square, PA 19348

Mr. William Maher
Exelon Generation
200 Exelon Way, KSA2-N
Kennett Square, PA 19348

Mr. Thomas S. O'Neill
Associate General Counsel
Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

Exelon Nuclear
Correspondence Control Desk
200 Exelon Way, KSA1-N
Kennett Square PA, 19348

Mr. John Loaniddi
Parsons Energy and Chemicals
2675 Morgantown Road
Reading, PA 19607

Ms. Amy Lientz
CH2MHILL
151 N. Ridge Ave. Ste 150
Idaho Falls, Idaho 83402-4039

Mr. Steven P. Frantz Esq.
Morgan Lewis and Bockius LLP
1111 Pennsylvania Avenue, NW
Washington, DC 20004

Mr. Gary Wright, Director
Division of Nuclear Safety
Illinois Emergency Management Agency
1035 Outer Park Drive
Springfield, IL 62704

Mr. Paul Leventhal
Nuclear Control Institute
1000 Connecticut Avenue, NW
Suite 410
Washington, DC 20036

Mr. Jack W. Roe
SCIENTECH, INC.
910 Clopper Road
Gaithersburg, MD 20878

Mr. Tom Clements
6703 Guide Avenue
Takoma Park, MD 20912

Mr. Vince Langman
Licensing Manager
AECL Technologies Inc.
481 North Frederick Avenue
Suite 405
Gaithersburg, MD 20877

Mr. Brendan Hoffman
Research Associate on Nuclear Energy
Public Citizens Critical Mass Energy
and Environmental Program
215 Pennsylvania Avenue, SE
Washington, DC 20003

Prairie Group
Attn: Mr. George Gore
702 West Washington Street
Urbana, IL 61801

Mr. Arthur L. Brighton
RR1, Box 22
Weldon, IL 61882

Mr. Dale Holtzscher
RR 1, Box 72A
Weldon, IL 61882

Mr. John Stolfa
P.O. Box 589
Mansfield, IL 61854-0589

Mr. Ed Wallace, General Manager
Projects
PBMR Pty LTD
PO Box 9396
Centurion 0046
Republic of South Africa

Ms. Vanessa E. Quinn, Chief
Radiological Emergency Preparedness
Branch
Department of Homeland Security/FEMA
500 C Street, SW
Washington, DC 20472

Mr. Joseph D. Hegner
Lead Engineer - Licensing
Dominion Generation
Early Site Permitting Project
5000 Dominion Boulevard
Glen Allen, VA 23060

Mr. George Alan Zinke
Project Manager
Nuclear Business Development
Entergy Nuclear
M-ECH-683
1340 Echelon Parkway
Jackson, MS 39213

Mr. Charles Brinkman
Westinghouse Electric Co.
Washington Operations
12300 Twinbrook Pkwy., Suite 330
Rockville, MD 20852

Mr. Marvin Fertel
Senior Vice President
and Chief Nuclear Officer
Nuclear Energy Institute
Suite 400
1776 I Street, NW
Washington, DC 20006-3708

Dr. Glenn R. George
PA Consulting Group
130 Potter Street
Haddonfield, NJ 08033

Mr. Arthur R. Woods
Enercon Services, Inc.
500 TownPark Lane
Kennesaw, GA 30144

Mr. Tom Rudasill
The Vespasian Warner Public Library
District
310 N. Quincy Street
Clinton, IL 61727

External E-mail
eddie.grant@exeloncorp.com