LimerickNPEm Resource

From: Christopher.Wilson2@exeloncorp.com
Sent: Wednesday, September 14, 2011 8:36 AM

To: Kuntz, Robert; Regner, Lisa

Cc: Rogers, Billy

Subject: Limerick License Renewal Visitors Guide **Attachments:** License Renewal Limerick Visitors Guide.pdf

Rob/Lisa/Bill

Here is a guide that you will find useful. I have integrated the station visitor guide and our License Renewal specific information. It also has our ORG chart as well as pictures. The form in the back is how we document your questions which then are entered into our tracking database. We have a standard meeting schedule which should match up with yours.

I hope you find this useful and call if you have any questions.

As you come though the security checkpoint (if asked) your station contact is Shannon Rafferty-Czincila (who is our LR site lead)...her number is 610-718-4098

Our admin support for the audits is Patsy Kreamer. She will be carrying a mobile (landline) phone and you can reach her at 610-718-4001.

Cell phone coverage is weak around the plant site so we cannot rely on that.

Rob/Bill...I will also be sending you in advance a copy of our system and program owners (LR engineer and site engineer) either late today or early tomorrow

Chris

Chris Wilson Exelon Nuclear KSQ License Renewal 610-765-5667 (office) 609-709-3249 (cell) 200 Exelon Way, KSA/2-E

Hearing Identifier: Limerick_LR_NonPublic

Email Number: 411

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Subject: Limerick License Renewal Visitors Guide

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From: Christopher.Wilson2@exeloncorp.com

Created By: Christopher.Wilson2@exeloncorp.com

Recipients:

"Rogers, Billy" < Billy. Rogers@nrc.gov>

Tracking Status: None

"Kuntz, Robert" < Robert. Kuntz@nrc.gov>

Tracking Status: None

"Regner, Lisa" <Lisa.Regner@nrc.gov>

Tracking Status: None

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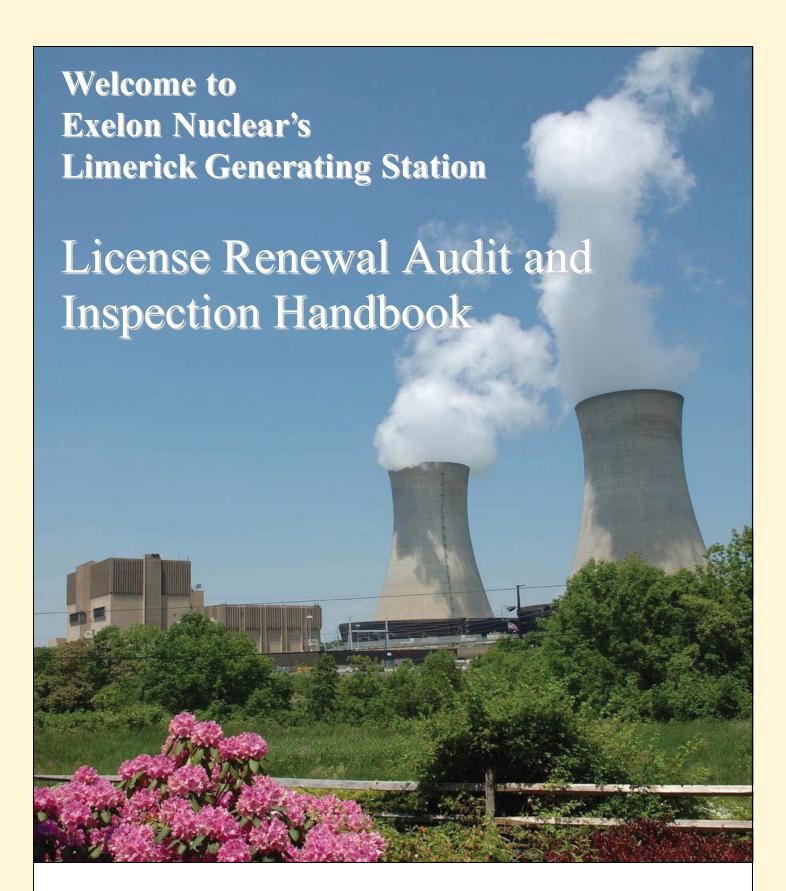
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Limerick Generating Station 3146 Sanatoga Road Pottstown, PA 19464

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Welcome

At Limerick, we are well-regarded for our successful operations, but our number one priority is safety. To that end, all of our policies, procedures, and Work practices revolve around safety.

Whether you're here to work or for a tour, we ask that you apply the same rigorous safety standards as all of our employees.

We ask that you take the time to read this guide before coming on-site to help you become acclimated to our policies, procedures, and engrained culture of safety.

Sincerely,

The Employees of Exelon Nuclear's Limerick Generating Station

Important Phone Numbers

Title	External Phone	Internal Extension
Emergencies	610-718-2911	EXT. 2911
Site Vice President	610-718-3000	Ext. 3000
Plant Manager	610-718-2000	Ext. 2000
Shift Manager	610-718-2125	Ext. 2125
Security Manager	610-718-2044	Ext. 2044
Supervisor Nuclear Security	610-718-2048	Ext. 2048
Emergency Preparedness	610-718-2045	Ext. 2045
Station Safety	610-718-3045	Ext. 3045
Learning Center	610-718-4001	Ext. 4001
Communications Office	610-718-3025	Ext. 3025

When on site of Limerick Generating Station, you just need to use the four digit extension for internal numbers.

When off-site and trying to reach someone at Limerick, please dial 610-718- and then the four-digit extension.

Driving Directions

Please note: Parking and check-in directions are at the bottom of this document.

FROM KING OF PRUSSIA:

Route 202 North to Pottstown Exit (422 West). Follow 422 West to Sanatoga Exit. At top of ramp traffic light, turn left onto Evergreen Road. Follow Evergreen Road through one traffic light (eastbound ramp entrance), and then turn right at second traffic light to stay on Evergreen Road. Proceed to stop sign, then straight into plant entrance.

FROM POINTS SOUTH:

Take I-95 North to 476 North - Exit 7 (Plymouth Meeting). Follow 476 for approximately 17 miles to the Valley Forge/76 West exit. Tak e 76 West to the exit for 422 West (Pottstown). Follow 422 West to Sanatoga Exit. At top of ramp traffic light, turn left onto Ev ergreen Road. Follow Evergreen Road through one traffic light (eastbound ramp entrance), and then turn right at second traffic light to stay on Evergreen Road. Proceed to stop sign, then straight into plant entrance.

FROM POINTS WEST:

Take PA Turnpike East to Exit 24 (Valley Forge). After going through tollbooth, follow signs for Route 422 West (Pottstown). Take 422 West to Sanatoga Exit. At top of ramp traffic light, turn left

Sunbury Elysburg Budd Lake (61) ckville Pottsville (25) (513) 611) (325) Reading (73) Harrisburg Ephrata Litit Elizal (283)322 Colu Drexel H Millersville West Chester Hanover (74) Parkville ennsylvanja Delta Maryland 32 795 Limerick is located approximately 21 miles northwest of Philadelphia.

onto Evergreen Road. Follow Evergreen Road through one traffic light (eastbound ramp entrance), and then turn right at second traffic light to stay on Evergreen Road. Proceed to stop sign, then straight into plant entrance.

FROM PHILADELPHIA:

Take 76 West (Schuylkill Expressway) to the exit for 422 West (Pottstown). Take 422 West to Sanatoga Exit. At top of ramp traffic light, turn left onto Evergreen Road. Follow Evergreen Road through one traffic light (eastbound ramp entrance), and then turn right at second traffic light to stay on Evergreen Road. Proceed to stop sign, then straight into plant entrance.

FROM LIONVILLE AREA:

Take 100 North to 422. Take 422 East to Sanatoga Exit. At top of ramp traffic light, turn left onto Evergreen Road, and then turn right at next traffic light to stay on Evergreen Road. Proceed to stop sign, then straight into plant entrance.

Parking and Check-In For NRC personnel

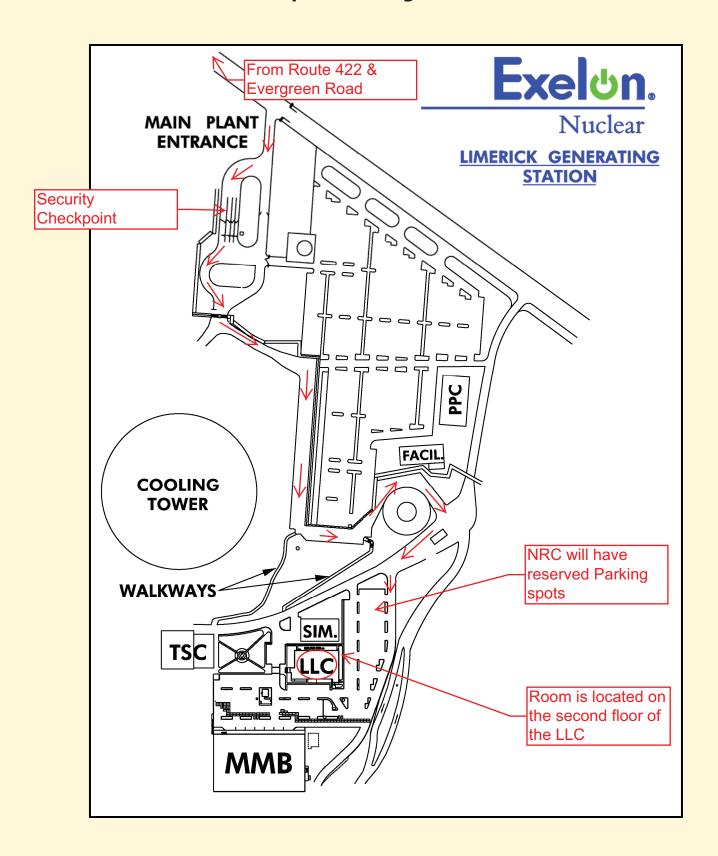
From plant entrance, follow access road around until the first entrance on your right and proceed to the security checkpoint. A government picture ID card is required. After clearing the security checkpoint, follow the access roas down the hill towards the Lierick Learning center (see parking map below) Park in the assigned parking spots. Proceed to the second floor of the Limerick Learning Center, after you walk

Safety Requirements for Entering or Exiting the Site

The following expectations apply to all personnel and visitors. These expectations are in-place for personal safety.

- Speed limits have been established on the access road, the site and in the vicinity of the security checkpoints. It is imperative that you strictly adhere to all postings.
- Observe all parking regulations, drive safely in parking lots, park anywhere there is an available space.
- Remember that site ac cess control and speed restrictions are established to protect the safety of all employees, visitors and the general public.

Map Of Parking Lot Areas



LIMERICK AREA RESTAURANTS

Ruby Tuesday (Philadelphia Premium Outlets) 18 Lightcap Road Pottstown, PA 19464 610-718-8960 Cutillo's 2688 E. High Street Pottstown, PA 19464 610-327-2910

Limerick Diner 411 W. Ridge Pike Pottstown, PA 19464 610-489-3500 Casual Gourmet (BYOB) 475 W. Ridge Pike Limerick, PA 19468 610-495-6626

Lakeside Inn (Dylan's Pub) 594 W. Ridge Pike Limerick, PA 19468 610-495-8100 Applebee's 70 Buckwalter Road Royersford, PA 19468 610-792-8180

Outback Steakhouse (Adjacent to Staybridge Suites) 22 Anchor Parkway Royersford, PA 19468 610-792-4300 Open Mon-Thurs 4:00-9:30 PM Iron Hill Brewery & Restaurant 130 E. Bridge Street Phoenixville, PA 19460 610-983-9333

PF Changs Providence Town Center 101 Town Center Drive Collegeville, PA 19426 610-489-0110 Olive Garden 1 Town Center Drive Collegeville, PA 19426 610-831-8814

DaVinci's Pub 217 E. Main Street Collegeville, PA 19426 610-831-1955

Collegeville Diner 290 E. Main Street Collegeville, PA 19426 610-409-9600

Seven Stars
263 Hoffecker Road
(corner of Hoffecker Rd & Ridge Rd/
Route 23)
Phoenixville, PA 19460
610-495-5205
Open Tues-Sat 4:30-9:00 PM

Kimberton Inn 2105 Kimberton Road Phoenixville, PA 19460 610-933-8148 Open Tues-Thurs 5:30-8:30 PM

Sly Fox Pub 312 North Lewis Road Royersford, PA 19468 610-948-8088 Open Mon-Thurs 11:30 AM-11:00 PM Veekoo Asian Cuisine (Chinese, Japanese, Thai) 333 10th Avenue Royersford, PA 19468 610-948-5433 Open Mon-Thurs 11:00 AM-10:00 PM

LIMERICK AREA LODGING

Staybridge Suites 88 Anchor Parkway Royersford, PA 19468 610-792-9300 800-225-1237

Courtyard (Marriott) Valley Forge Collegeville 600 Campus Drive Collegeville, PA 19426 484-974-2600 888-236-2427

Hampton Inn & Suites 100 Cresson Boulevard Phoenixville, PA 19460 610-676-0900

Holiday Inn Express 15 Keystone Drive Limerick, PA 19464 484-932-8827

Exelon Nuclear Policies & Standards For Visitors to Limerick

Security

The following security requirements are in place:

- Please carry photo identification while on site.
- All personnel, including visitors, and vehicles are subject to search.
- Please refrain from ingesting alcohol at least five hours prior to visiting Limerick.
- The following items are prohibited:
 - Firearms (loaded or unloaded)
 - Explosives
 - Incendiary devices
 - Alcoholic beverages
 - Controlled substances without a prescription
 - Ammunition
 - Illegal drugs and drug paraphernalia
 - Incapacitating agents
 - Component parts of weapons

Escorted & Badged Access

Escorted Access

If you are not being badged for unescorted access, you will enter the site as a visitor. All visitors must be escorted into the Protected and Vital areas of the stations.

An escort is a badged individual with authorized unescorted access for the area the visitor needs to enter. If you are being escorted, you must remain with your escort at all times. The escort must maintain BOTH visual contact and voice control of the visitor at all times. The visitor may enter a restroom or locker room unescorted if there is only one entrance/exit and the escort observes the entry/exit. Immediately report any lost badges to Security at ext. 2046, 2496 or 5164.

Unescorted Access

If you are to be badged for unescorted site access, you will be required to successfully complete the necessary training and in-processing activities. These activities may include security screening, drug & alcohol testing, classroom training and/or psycholo gical evaluation. Access requirements are determined on an individual, as needed, basis.

Security badges must be displayed at all times on the upper portion of your body, on the outer garment, with the picture facing out. Immediately report any lost badges to Security at ext. 2046, 2496 or 5164.

Onsite Emergencies

In case of emergency call ext. 2911.

All injuries or near misses (an accident was barely avoided) that occur onsite must be reported to your site contact/supervisor immediate ly regardless of the severity.

Maintain an awareness of your surroundings, postings and any announcements or alarms. If you are unsure of what to do, stop and ask someone in your immediate area for assistance.

Safety Is Our Top Priority!

There's nothing more important than safe operations at Limerick Generating Station. Remember to be aware of your surroundings and always wear your Personal Protective Equipment. To contact the Station's Safety Professional, dial ext. 3045.



Exelon Nuclear Policies & Standards For Visitors to Limerick

Site Work Hours Start Times

The basic site work hours are 7:00 a.m. To 3:30 p.m. Hours may vary with individual departments. Be sure to allow yourself adequate time to walk to your destination from the parking areas.

Attire

Office dress is casual, comfortable clothing that would be compatible with an office environment.

Safety glasses that meet ANSI and company requirements, hard hats and hearing protection are worn inside the station. Sturdy footwear (closed toe with a hard sole, firm toe and leather upper construction) should be worn in the station anywhere hard hats are required and on jobs that have a risk of foot injury.

Generally, safety shoes (steel or composite toe) are required when working inside the station power block, and in other areas where a foot hazard exists. No sneakers are allowed on site except in office type environments, entering and exiting the station and in Limerick's Wellness Center, the *Fit Pit*.



If you are unsure of the proper footwear required for your visit, check with your Exelon contact before arrival, particularly if you are a visitor going on a plant tour.

Smoking Policy

Smoking is not permitted inside Exelon owned or leased buildings. Smoking is allowed only in designated areas outside of plant buildings. The smoking areas are marked with a sign and have a receptacle for butts.

Phone Us age

To call an extension number from outside the company, dial (610) 718- and then the four digit extension number.

While on-site, to reach other Limerick departments, you can simply dial their four-digit extension number.

To make a phone call to a number outside of Limerick Generating Station, dial 9-1-area code-seven digit phone number.

For example:

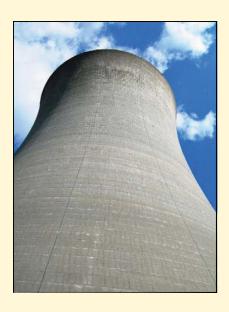
9 - 1 - 610-123-4567

Tour Guidelines

If you are coming on site for a tour of Limerick Generating Station, and you will be entering the operating plant area (a lso referred to as the Radiologically Controlled Area or RCA), we ask that you follow the following guidelines:

- Do not wear spiked heels and wear sturdy shoes. Work or hiking boots are best.
- We ask at that you try to wear comfortable cotton pants such as khaki pants or jeans.
- Bring a government-issued identification like a state-issued driver's license or a passport.
- Please stay with your badged escort and follow all flagging and signs.

Please be aware that there will be a significant amount of walking on the tour.



Facts & Figures About Limerick Generating Station

Generation:

• Number of units: 2

• Total site net generation: 2,400 megawatts per hour

• Customers served: Limerick produces enough power for over two million

homes in southeastern PA, NJ and MD

Type and manufacturer of reactor:

• Boiling Water Reactor General Electric

Site Features:

• Site size: Approximately 600 acres

• Location: Located in Montgomery County, PA on the eastern

shore of the Schuylkill River, two miles southeast of Pottstown, PA, and 21 miles northwest of Philadelphia,

PA

Ownership:

• Exelon Nuclear 100 percent

Construction:

• Plant builder: Bechtel Power Corporation

• When construction began: June 1974

• Dates units entered commercial Unit 1 - February 1, 1986 service: Unit 2 - January 8, 1990

• Operating License: Unit 1 is licensed to operate until 2024

Unit 2 is licensed to operate until 2029

Last Refueling Outage Completed: April 2009

Community Impact:

Number of employees: Approximately 900

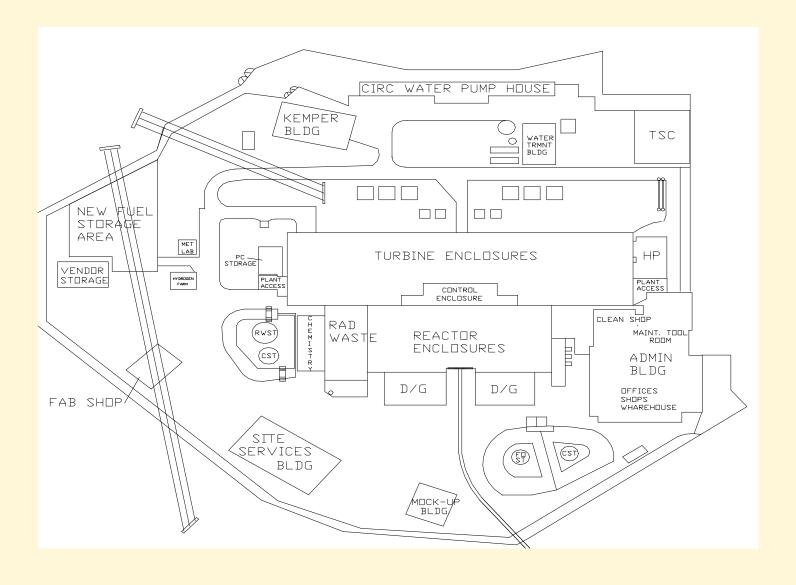
Annual payroll: Approximately \$65 million

Plant Taxes: Approximately \$3 million in property taxes

• Community Support: Limerick Generating Station and its employees give

generously to the local community through a variety Of charitable activities, sponsorships and contributions.

Map of Protected Area



NRC AUDIT and INSPECTION SCHEDULE

During the review of the Limerick License Renewal Applications (LRA), NRC will perform a variety of tasks on the site. Following is a list of their major onsite activities with the schedule dates:

> Activity Date

Public Information and Environmental Scoping September 22, 2011

> Meeting – License Renewal Process Overview and Opportunity for Public Input to the Environmental

Review.

September 19th-23rd, 2011 Scoping and Screening Methodology Audit

October 3rd-October 14th, 2011 Aging Management Programs Audit

November 7th –November 11th, 2011. June 4th-June 12th, 2012 **Environmental Audit**

Region I Inspection (IP-71002)

NRC Audit / Inspection Teams

Project Managers

Robert Kuntz NRR LR Safety Project Manager Lisa Regner NRR Environmental Project Manager

Scoping and Screening Methodology Audit

NRR Audit Team Lead Billy Rogers

Aging Management Program (AMP) Audit

Robert Kuntz NRR LR Audit Team Lead

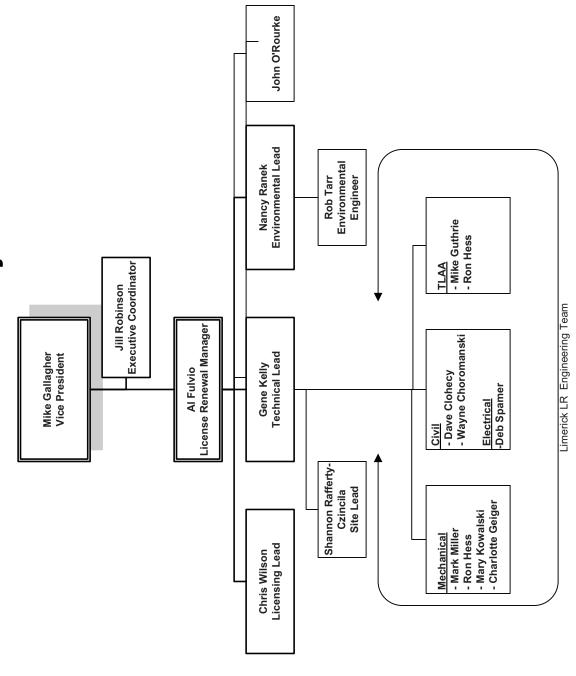
Environmental Audit

NRR Audit Team Lead Lisa Regner

Regional Inspections

Michael Modes Region I Team Lead

License Renewal Project Team



Limerick Generating Station Units 1 & 2



Bill Maguire Site Vice President William.Maguire@exeloncorp.com



Pete Gardner Plant Manager Peter.Gardner@exeloncorp.com



Director, Site Engineering Daniel.doran@exeloncorp.com Dan Doran



Bob Dickinson Director, Training Robert.dickinson@exeloncorp.com



Engineering Programs Mgr Steven.bobyock@exeloncorp.com Steve Bobyock



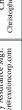
John Hunter



Chemistry Manager Christopher.cooney@exeloncorp.com Chris Cooney



Regulatory Assurance Mgr. John.hunter@exeloncorp.com









Licensing Lead Christopher.wilson2@exeloncorp.com Chris Wilson



John O'Rourke

Al Fulvio License Renewal Manager Albert.fulvio@xeloncorp.com

Vice President, License Renewal Michaelp.gallagher@exeloncorp.com

Administrative Support Patsy.kreamer@exeloncorp.com

Site Communications Specialist Joseph.szafran@exeloncorp.com

Supervisor Leanne.birkmire@exeloncorp.com Leanne Birkmire Radwaste/Environmental

Joe Szafran

Patsy Kreamer

Mike Gallagher





Jim Jordan Mechanical James.jordan@exeloncorp.com

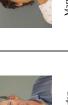
Ron Hess Mechanical Ronald.hess@exeloncorp.com

Charlotte Geiger Mechanical Charlotte.geiger@exeloncorp.com

Shannon Rafferty-Czincila Site Lead Shannon.rafferty-czincila @exeloncorp.com

Gene Kelly Technical Lead Eugene.kelly@exeloncorp.com

Nancy Ranek Environmental Lead Nancy.ranek@exeloncorp.com



Mechanical Mary.kowalski@exeloncorp.com Mary Kowalski



Wayne Choromanski Structural Richard.choromanski @exelonorp.com



Robert Tarr Environmental Robert.tarr@exeloncorp.com



Mike Guthrie Mechanical/TLAA Michael.guthrie@exeloncorp.com

Mechanical Marka.miller@exeloncorp.com Mark Miller



Deb Spamer Electrical Debora.spamer@exeloncorp.com



Dave Clohecy
Structural
David.clohecy@exeloncorp.com



Limerick LR Team Interface Roles & Responsibilities

Exelon Vice President, License Renewal (Mike Gallagher)

- Formulates strategy and direction for license renewal activities
- Provides Senior Management interface with NRC for License Renewal

License Renewal Manager (Al Fulvio)

- Provides guidance, industry perspective and direction to license renewal team
- Participates/monitors team interactions with NRC Auditors/Inspectors

NRC Interface / Licensing Lead (Chris Wilson)

- Primary interface with NRC License Renewal Project Manager and Audit / Inspection Team Leaders
- Coordinates inspection preparation activities, entrance, and exit meetings
- Coordinate review of inspection issues for potential regulatory impact or safety significance
- Escalates issues/communications/concerns including timeliness, response inadequacies, ownership for issues, safety significant findings, unclear actions
- Maintains information request, document request, and other databases to support communications
- Provides daily reports on status of information requests
- Keeps Limerick Senior management team informed of Audit/Inspection activities

Gene Kelly LR Safety Project Technical Lead

- Manages and directs the activities of the License Renewal Project Team
- Facilitates multi-disciplinary discussions among LR Project Team to resolve issues
- Conducts daily LR Project Team meetings during Audits/Inspections
- Identifies issues for which commitments and Senior Management reviews are required and, as appropriate, ensure issues are entered into the Corrective Action Program
- Keeps Exelon Senior Management informed of all aspects of audit / inspection activities
- Assigns counterparts for individual auditors / inspectors and LR team individuals to respond to questions and perform peer reviews
- Ensures appropriate site concurrence on discussion of potential new or changed commitments or changes that would impact the LRA

LR Environmental Lead (Nancy Ranek)

- Provide clear, concise, and relevant communications with NRC team members in area of responsibility
- Provide responses to questions asked by auditors/inspectors
- Perform technical reviews of draft responses to questions
- Solicit additional technical support, as needed, to respond to issues and questions that are raised during the audit / inspection

 Escalate issues/communications/concerns including response inadequacies, safety significant findings and personnel-related issues to Exelon Management

LR Site Lead - Shannon Rafferty-Czincila

- Provides initial site point of contact for any site resource/personnel requirements
- Ensures site-specific information is made available to Audit/Inspection teams
- Ensures site review of responses, when appropriate
- Keeps Limerick Senior management team informed of Audit/Inspection activities
- Gains site approval for changes to or additions of Regulatory Commitments, as appropriate
- Participates/monitors team interactions with NRC Auditors/Inspectors

<u>Project Manager – Limerick License Renewal (John O'Rourke)</u>

- Responsible, working with the Site Lead, for logistical support before and during the Audits
 Inspections
- Provides logistical support for plant access, tours, meeting rooms, work-space, and other activities of the NRC Audit / Inspection Team

LR Project Team Engineers

- Provide timely, clear, concise, accurate and relevant communications with NRC team members in area of responsibility
- Document questions and concerns raised by Auditors/Inspectors and inform Project Technical Lead(s) to ensure issues are addressed
- As assigned by the LR Project Technical Lead, develop responses to questions or draft RAIs asked by auditors/inspectors
- As assigned by the LR Project Technical Lead, perform technical reviews of draft responses to questions
- Participate in NRC communications and interviews with plant SMEs
- Keep the LR Technical Lead and Licensing Lead informed of subjects and outcomes of NRC team information requests and interviews
- Communicate the potential need for new Regulatory Commitments to Technical Lead, Site Lead and Licensing Lead

Plant Subject Matter Experts (SME)

- Provide clear, concise, and relevant communications with NRC team members in area of responsibility
- Support communications with NRC auditors/inspectors and others as requested by the Site Lead, Technical and or Licensing Lead
- Provide responses to questions asked by auditors/inspectors in a timely manner.
- Perform technical reviews of draft responses to guestions, as requested
- Escalate issues/communications/concerns including response inadequacies, safety significant findings and personnel-related issues to Site Lead, Project Technical Lead or Site Regulatory Assurance Manager as appropriate

Administrative Assistant

- Provide logistics support to NRC and License Renewal Team as requested
- Assist LR Licensing Lead and Team members to maintain the LR Change Request (LRCR) database
- Assist all Team members to obtain copies of requested information and documents

Proposed Daily Meeting Schedule

The following activities will be proposed to the NRC Audit or Inspection team lead. Exact schedules will be as agreed with the NRC team lead.

<u>Time</u>	<u>Description</u>
TBD	On the first and last day of Audit or Inspection - Conduct entrance and exit meetings.
7:30 am	LR Team Meeting
8:15 am	Licensing Lead check-in with NRC PM
3:00 pm	Licensing lead and NRC PM review status of questions and review next days schedule
4:30 pm	Daily Audit / inspection Feedback Meeting (NRC Team, designated License Renewal Team members.
5:00 pm	Daily License Renewal Team meeting

Both the NRC and the LR Project teams will be housed in the Limerick Learning Center (LLC) Building for the Audits and Inspections. Space within the building will be provided for breakout meetings as well.

When making plant tours it is the tour lead (Exelon LR team member or Site SME) responsibility to ensure that the team member (s) are provide a short pre-job brief including applicable safety requirements prior to leaving the LLC.

NRC INFORMATION REQUEST FORM

Date Initiated:	
Topic:	
NRC Representative:	
Exelon Representative:	
Request:	
Database Entry:	
Document References:	
Comment Database Item # (if needed):	
Note: This form is typical but need not b	e followed precisely. See I R-AA-2003 for

additional information.

Audit and Inspection Communications Channels

The following is a communications hierarchy for the License Renewal audits / inspections. By following this hierarchy we will ensure consistent communications and that the appropriate levels of NRC and License Renewal management are informed of responses to questions raised by the audit / inspection teams.

NRC Contact	LR Project Team Contact	Frequency of Contact
NRR Director License Renewal -Brian Holian	Mike Gallagher	As needed for issue resolution
NRR License Renewal Branch Chief -Dennis Morey	Al Fulvio	As needed for issue resolution
NRR License Renewal Safety PM -Rob Kuntz	Chris Wilson	Daily to ensure adequate progress and resolution of issues
NRR License Renewal Environmental PM - Lisa Regner	Nancy Ranek	Daily to ensure adequate progress and resolution of issues
Audit and/or Inspection Team Lead Scoping/Screening Methodology - Billy Rogers Aging Management Programs - Rob Kuntz Regional Inspections - Michael Modes	Gene Kelly Chris Wilson	Frequent daily contact during Audits/Inspections to ensure progress and resolution of issues
NRC inspection / Audit team members	LR Team members, as assigned by LR Technical Lead, and System Mgrs and Program Owners	As needed during course of Audits / Inspections