

**Department of Homeland Security
Federal Emergency Management Agency, Region V
536 S. Clark Street, Chicago, IL 60605
Radiological Emergency Preparedness Program**

**ANNUAL LETTER OF CERTIFICATION REVIEW GUIDE
State of Illinois – Calendar Year 2020
Review date: February 12, 2021**

Purpose:

To provide guidance for review and evaluation of the Annual Letter of Certification (ALC) submitted by the States for compliance with periodic requirements.

Scope:

The State ALC is reviewed to determine whether all information/documentation is included pursuant to laws and regulations and the Federal Emergency Management Agency (FEMA) Radiological Emergency Preparedness (REP) Program Manual. Information contained in the ALC is compared with the offsite response organizations (ORO) plans/procedures and the Alert and Notification System (ANS) design reports for consistency and accuracy.

Requirement:

- ✓ 44 CFR part 350
- ✓ NUREG-0654/FEMA-REP-1 Planning Standard
 - A. 24-Hour Staffing Capability
 - G. Public Education and Information
 - H. Emergency Facilities and Equipment
 - N. Exercises and Drills
 - O. Radiological Emergency Response Training
 - P. Responsibility for the Planning Effort
- ✓ FEMA-REP-10
- ✓ FEMA REP Program Manual

Confirm that the ALC includes the following items:

Update of Plans/Procedures and Letters of Agreement

1. A statement that ORO plans/procedures and Letters of Agreement (LOAs) have been reviewed for accuracy and completeness of information, and appropriate changes made. Updated LOAs and plan/procedure amendments must be submitted if not received previously.

| This statement must include the: | Y | N | N/A | ALC Reference / Comments |
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| a. ORO plans/procedures were reviewed for accuracy and completeness | X | | | <p><u>ALC – Update of Plans/Procedures and Letters of Agreement pg. 1:</u></p> <ul style="list-style-type: none"> • “Due to the number of nuclear power stations in the state, Illinois is continuously updating the six volumes of the Illinois Plan for Radiological Accidents (IPRA), as well as the State of Illinois IPRA. The IEMA coordinates with other state agencies and the Emergency Planning Zone (EPZ) counties to review and revise the IPRA volumes. The updated information is collected, printed, and distributed to program stakeholders during each exercise cycle.” • “In 2020, IPRA-Braidwood, IPRA-Quad Cities and IPRA-LaSalle were updated, printed, and distributed. The update process was initiated for IPRA Byron.” • “All EPZ counties review and revise, as appropriate, the applicable site-specific IPRA on at least an annual basis. The letters, certifying that the reviews/revisions were conducted by the counties, are included as Attachment A.” <p><u>ALC Attachment A: Certification Letters</u></p> |
| b. Letters of Agreement (LOAs) were reviewed for accuracy and completeness | X | | | <p><u>ALC – Update of Plans/Procedures and Letters of Agreement pg. 1:</u></p> <ul style="list-style-type: none"> • “LOAs are reviewed and updated annually, as needed. The REP counties maintain radio agreements for broadcasting emergency protective action messages for a nuclear power |

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| | | | <p>station incident. The state maintains a LOA with the American Red Cross (ARC) for sheltering support. The state also maintains LOAs with designated MS1 EPZ hospitals. Copies of the ARC, hospital, and radio station LOAs are provided in Attachment B."</p> <ul style="list-style-type: none"> • The ARC MOU from 2014 remains in effect. The MOU between IEMA and the Illinois Poison Center dated March 1, 2017, remains in effect. • Radio agreements are maintained at both the state and county. <p><u>IPRA Core Plan, Annex A and Appendix 3: Letters of Agreement and Memoranda of Understanding:</u></p> <ul style="list-style-type: none"> • The IPRA Core Plan, Annex A, Section F.1.f, addresses state-level LOAs/MOUs. The LOAs are on file at IEMA and available for review. • Appendix 3 of the IPRA Core Plan lists the current LOAs and the review/update process. • County MOUs, which are primarily with the radio stations, are maintained at the county and reviewed during the biennial exercise. <p><u>IPRA Core Plan, Appendix 4: Hostile Action-Based Considerations:</u></p> <ul style="list-style-type: none"> • Appendix 4 of the IPRA Core Plan addresses Hostile Action-Based events. Section III.B, Notifications, states, "The utility maintains a safeguarded Letter of Agreement (LOA) with designated County Sheriff's Offices to ensure notification of a security-based incident can be implemented by either entity." <p><u>ALC Attachment B: LOAs and MOUs</u></p> |
| c. Updated LOAs / amendments submitted | X | | <p><u>ALC – Update of Plans/Procedures and Letters of Agreement pg. 1:</u></p> <ul style="list-style-type: none"> • "Letters of Agreement (LOAs) are reviewed and updated annually, as needed. The REP counties maintain radio agreements for broadcasting emergency protective action messages for a nuclear power station incident. The state maintains a LOA with the American Red Cross (ARC) for sheltering support. The state also maintains LOAs with designated MS1 EPZ hospitals. Copies of the ARC, hospital, and radio station LOAs are provided in Attachment B." <p><u>ALC Attachment B: LOAs and MOUs</u></p> |
| d. Updated plan/procedure amendments submitted | X | | <p><u>ALC – Update of Plans/Procedures and Letters of Agreement pg. 1:</u></p> <ul style="list-style-type: none"> • The IPRA restructuring project, which began in 2016, was completed in 2018. IEMA will continue to work with FEMA Region V to ensure all planning requirements are met in the updated plans." • "The IEMA Radiological Response Group (RRG) and Radiological Emergency Assessment Center (REAC) Standard Operating Procedures (SOPs) and Standard Operating Guidelines (SOGs) continue to undergo review. As the update and/or consolidation of SOPs and SOGs are finalized, they are submitted to FEMA V REP staff for their reference and use. The RRG and REAC will continue the revision, testing, and approval process during 2021." • "In 2020, the IPRA-Braidwood, IPRA-Quad Cities and IPRA-LaSalle were updated, printed, and distributed. The update process was initiated for IPRA-Byron." |
| Public Education and Information | | | |

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| 1. A statement that annual dissemination of information to the public was performed, and that the information includes how the public will be notified and what their actions should be in an emergency. This may be accomplished by, but is not necessarily limited to, annual publications, periodic information in utility bills, and information in telephone books. (NUREG-0654/FEMA-REP-1, Evaluation Criteria G.1 and G.2) | | | | |
| This statement must include the: | Y | N | N/A | ALC Reference / Comments |
| a. Dates of dissemination | X | | | ALC - Public Education and Information, pg. 2: <ul style="list-style-type: none"> • Braidwood – trifold mailed 7/6/20, no numbers specified • Byron – trifold mailed 7/6/20, no numbers specified • Clinton – trifold mailed 7/6/20, no numbers specified • Dresden – trifold mailed 7/6/20, no numbers specified • LaSalle – trifold mailed 7/6/20, no numbers specified • Quad Cities – trifold mailed 7/6/20, no numbers specified |
| b. Means of dissemination | X | | | ALC - Public Education and Information, pg. 1-2: <ul style="list-style-type: none"> • “In 2020, Exelon mailed a tri-fold postcard to every address in the 10-mile EPZ for all Illinois nuclear power stations.” The postcard directs residents, workers and visitors to a public information website (http://exelonpublic.info). There is an Exelon phone number on the postcard that the public can call to request a printed brochure to be mailed to them if they do not have access to the internet. The postcards were mailed on July 6, 2020 for all Illinois Plants.” • Link to PIBs included on the Ready Illinois website http://www2.illinois.gov/ready/hazards/Pages/NuclearPowerPlants.aspx. • Method of mail dissemination not specified (i.e., USPS, UPS) |
| c. Identification of recipients | X | | | ALC - Public Education and Information, pg. 1: <ul style="list-style-type: none"> • “In 2020, Exelon mailed a tri-fold postcard to every address in the 10-mile EPZ for all Illinois nuclear power stations.” • “The postcard includes a removable reply card for people with functional and transportation needs to complete and mail to IEMA.” • “Exelon purchases mailing lists by zip code that are within the 10-mile EPZs. All addresses within the 10-mile EPZs receive the postcard, including transient populations (hotels, parks and other recreational areas). These facilities can contact Exelon for printed copies of the brochure if needed.” |
| d. Copies of all public information materials | X | | | ALC Attachment C - Public Education and Information, Public Information Brochures, pg.1: <ul style="list-style-type: none"> • Trifold – sample copy of trifold mailing • Braidwood – Braidwood Public Information Brochure • Byron – Byron Public Information Brochure • Clinton – Clinton Public Information Brochure • Dresden – Dresden Public Information Brochure • LaSalle – LaSalle Public Information Brochure • Quad Cities - Quad Cities Public Information Brochure |
| e. Organizations responsible for distribution | X | | | ALC - Public Education and Information, pg. 1: <ul style="list-style-type: none"> • The ALC letter indicates that Exelon is responsible for mailing the postcards. |
| 2. A statement that emergency information was disseminated to locations frequented by transient populations in the emergency planning zone (EPZ), including (if applicable) hotels, motels, gas stations, phone booths, parks, marinas, boats, and other recreational areas. This may be accomplished by, but need not be limited to, decals, posters, or brochures/pamphlets. (NUREG-0654/FEMA-REP-1, Evaluation Criteria G.1 and G.2) | | | | |
| This statement must include: | Y | N | N/A | ALC Reference / Comments |
| a. Dates of dissemination | X | | | ALC - Public Education and Information, pg. 1: <ul style="list-style-type: none"> • “In 2020, Exelon mailed a tri-fold postcard to every address in the 10-mile EPZ for all Illinois nuclear power stations. Exelon purchases mailing lists by zip code that are within |

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| | | | | <p><i>the 10-mile EPZs. All addresses within the 10-mile EPZs receive the postcard, including transient populations (hotels, parks and other recreational areas)."</i></p> <ul style="list-style-type: none"> • <u>Braidwood</u> – trifold mailed 7/6/20, no numbers specified • <u>Byron</u> – trifold mailed 7/6/20, no numbers specified • <u>Clinton</u> – trifold mailed 7/6/20, no numbers specified • <u>Dresden</u> – trifold mailed 7/6/20, no numbers specified • <u>LaSalle</u> – trifold mailed 7/6/20, no numbers specified • <u>Quad Cities</u> – trifold mailed 7/6/20, no numbers specified |
| b. Means of dissemination | X | | | <p><u>ALC - Public Education and Information, pg. 1:</u></p> <ul style="list-style-type: none"> • "In 2020, Exelon mailed a tri-fold postcard to every address in the 10-mile EPZ for all Illinois nuclear power stations. The postcard directs residents, workers and visitors to a public information website (http://exelonpublic.info). There is an Exelon phone number on the postcard that the public can call to request a printed brochure to be mailed to them if they do not have access to the internet. • Link to PIBs included on the Ready Illinois website http://www2.illinois.gov/ready/hazards/Pages/NuclearPowerPlants.aspx. • Method of mail dissemination not specified (i.e., USPS, UPS) |
| c. Identification of locations where information was distributed or posted | X | | | <ul style="list-style-type: none"> • "Exelon purchases mailing lists per zip codes that are within the 10-mile EPZ, this includes all addresses including locations frequented by transient populations (hotels, parks and other recreational areas). All addresses receive the postcard. These facilities can contact Exelon for printed copies of the brochure if needed." |
| d. Copies of all public information materials | X | | | <p><u>ALC Attachment C - Public Education and Information, Public Information Brochures:</u></p> <ul style="list-style-type: none"> • <u>Trifold</u> – sample copy of trifold mailing • <u>Braidwood</u> – Braidwood Public Information Brochure • <u>Byron</u> – Byron Public Information Brochure • <u>Clinton</u> – Clinton Public Information Brochure • <u>Dresden</u> – Dresden Public Information Brochure • <u>LaSalle</u> – LaSalle Public Information Brochure • <u>Quad Cities</u> - Quad Cities Public Information Brochure |
| e. Organizations responsible for distribution | X | | | <p><u>ALC – Public Information and Education pg. 1:</u></p> <ul style="list-style-type: none"> • The ALC letter indicates that Exelon is responsible for mailing the postcards. |
| 3. A statement (if applicable) that yearly maintenance and updates on emergency public information signs located along rivers, parks, and other recreational areas were performed. (NUREG-0654 / FEMA-REP-1, Evaluation Criteria G.1 and G.2) | | | | |
| This statement also: | Y | N | N/A | ALC Reference / Comments |
| a. Certifies that parks and other recreational areas were not expanded, nor were new transient areas added to the plume EPZ. If expansions or additions were made, a statement must be provided that the appropriate additional signs were installed. | X | | | <p><u>ALC – Public Information and Education pg. 2:</u></p> <p><i>"There were no expanded or additional recreational areas identified in 2020."</i></p> |
| b. Identifies organizations responsible for maintenance/updates | X | | | <p><u>ALC – Public Information and Education pg. 2:</u></p> <ul style="list-style-type: none"> • "Exelon maintains emergency signs in the Braidwood, Clinton, and Quad Cities EPZ recreational areas. The signs were reviewed and updated on the following dates:" • <u>Braidwood</u> – November 4, 2020 • <u>Clinton</u> – November 4, 2020 • <u>Quad Cities</u> – November 4, 2020 |

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| 4. A statement that emergency public information materials for the ingestion pathway were updated and distributed. (NUREG-0654/FEMA-REP-1, Evaluation Criteria G.1 and G.2) | | | | |
| This statement must include: | Y | N | N/A | ALC Reference / Comments |
| a. Means of dissemination | X | | | <u>ALC – Public Information and Education pg. 2:</u> <ul style="list-style-type: none"> “The Ingestion Pathway emergency information booklet entitled “Emergency Information for Illinois Farmers, Food Processors and Distributors” was updated and published in December 2020. This booklet meets the requirement of a 50-mile distribution in the event of an actual emergency. IEMA has also made the booklet available to the public on the agency’s website for immediate access during an emergency. The web address to the booklet is provided to the public on Exelon’s annual tri-fold postcard. The online version can be found at: https://www2.illinois.gov/iema/NRS/Documents/FarmerBooklet.pdf. |
| b. Copies of public information materials | X | | | <u>ALC Attachment C - Public Education and Information, Ingestion Pathway Booklet pg. 2 :</u> <ul style="list-style-type: none"> “Emergency Information for Illinois Farmers, Food Processors, and Distributors Near Nuclear Power Stations in Illinois” The online version can be found at: https://www2.illinois.gov/iema/NRS/Documents/FarmerBooklet.pdf. |
| 5. A statement that annual media program was conducted to acquaint news media with emergency plans/procedures, information concerning radiation, and points of contact for release of public information in emergency. (NUREG-0654/FEMA-REP-1, Evaluation Criterion G.5) | | | | |
| This statement must include: | Y | N | N/A | ALC Reference / Comments |
| a. Date(s) held | X | | | <u>ALC – Media Training pg. 4:</u> <ul style="list-style-type: none"> “Information is provided annually to the media near each nuclear power station for their awareness and reference. The information is provided in at least one of the following methods: a media briefing session, participation in an IPRA exercise (not offered in 2020 due to pandemic), distribution of informational material. The media are provided with written information on the IPRA concept of operations, accident classification scheme, communications, protective actions, parallel actions, public information, and the EPZ. Training was offered to the media outlets near all the nuclear power stations. No media outlets requested training. The portfolio distribution was conducted on the following dates: EPZ - Mailing Date - Quantity <ul style="list-style-type: none"> Clinton – September 9 - Approx. 44 Dresden/Braidwood/LaSalle – September 9 - Approx. 50 Byron – September 9 - Approx. 49 Quad Cities – August 31 - Approx. 62 |
| b. Agencies/organizations invited/participated | X | | | <u>ALC – Media Training pg. 4:</u> <ul style="list-style-type: none"> “Information is provided annually to the media near each nuclear power station for their awareness and reference. The information is provided in at least one of the following |

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| | | | | <p>methods: a media briefing session, participation in an IPRA exercise (not offered in 2020 due to pandemic), distribution of informational material. The media are provided with written information on the IPRA concept of operations, accident classification scheme, communications, protective actions, parallel actions, public information, and the EPZ. Training was offered to the media outlets near all the nuclear power stations. No media outlets requested training. The portfolio distribution was conducted on the following dates:</p> <p>EPZ - Mailing Date - Quantity</p> <ul style="list-style-type: none"> • Clinton – September 9 - Approx. 44 • Dresden/Braidwood/LaSalle – September 9 - Approx. 50 • Byron – September 9 - Approx. 49 • Quad Cities – August 31 - Approx. 62 <ul style="list-style-type: none"> • The media portfolios included the following documents: IPRA Fact Sheet, EPZ Map, The Flow of Radiological Event Information to the Media, JIC Introduction, Map to the JIC, Exelon Fact Sheet, Nuclear Energy Institute Publications: https://www.nei.org/Knowledge-Center • Emails sent to media agencies and complete distribution lists are included in Attachment D. |
| c. Organizations that sponsored program | X | | | <p>ALC – Media Training pg. 4:</p> <ul style="list-style-type: none"> • Media training sponsored by IEMA. |
| d. Description of program | X | | | <p>ALC – Media Training pg. 4:</p> <ul style="list-style-type: none"> • "Information is provided annually to the media near each nuclear power station for their awareness and reference. The information is provided in at least one of the following methods:" • 1. a media briefing session • 2. participation in an IPRA exercise (not during Pandemic) • 3. distribution of informational material • "Utilizing any of the three methods, the media are provided with written information on the IPRA concept of operations, accident classification scheme, communications, protective actions, parallel actions, public information and the EPZ." |
| <p>NOTE: In instances of poor attendance, in lieu of a meeting, a statement that program materials covering requisite topics were mailed to media representatives must be provided.</p> | | | | |
| <p>Radiological Emergency Response Training</p> | | | | |
| <p>1. A statement that initial training and annual retraining of personnel who implement radiological emergency response plans/procedures have been accomplished. (NUREG-0654/FEMA-REP-1, Evaluation Criterion O.5)</p> | | | | |
| Statement must include the following for all training conducted: | Y | N | N/A | ALC Reference / Comments |
| a. All required organizations were offered training pursuant to ORO plans/procedures | X | | | <p>ALC – Attachment D: Radiological Emergency Response Training</p> <ul style="list-style-type: none"> • The subfolder entitled "Annual Offers of Training" is a web-linked document containing email correspondence between IEMA and the REP EPZ County Emergency Operations Center Managers and County Officials regarding annual training events and other updates to plans, procedures, and equipment during 2020. • The subfolders entitled "2020 Activity Report and Sign-In Sheets" detail training attendees identified by date, time, organization, course title, number attending, location/address, and instructor. <p>IPRA Core Plan Annex O, Radiological Emergency Response Training</p> |

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| | | | <ul style="list-style-type: none"> • Section III.A and Table O-1 covers the scope of training and the intended audience. • All REP-related training is coordinated at the State-level and offered to the counties. Counties do not instruct REP-specific training. |
| b. Scope and purpose | X | | <p><u>ALC Attachment D: Radiological Emergency Response Training, Offers of Training, IPRA Annual Offer of Training 2020 (& 2021)</u></p> <p>The Word document entitled IPRA Training Course Descriptions provides the scope, purpose, and intended audience of all initial, refresher, and annual training offered by the state. The courses offered are listed below:</p> <p><u>ALC – Radiological Emergency Response Training pg. 3:</u></p> <ul style="list-style-type: none"> • <i>“IEMA is responsible for training state and local emergency personnel in operational and technical aspects of the IPRA. The types of personnel for whom this training is provided include directors and/or coordinators of state and local response organizations, their key assistants and public information personnel, those responsible for IPRA planning functions, those responsible for accident assessment and radiological monitoring, key local officials, police and fire fighting personnel, local emergency management personnel, local highway personnel, first aid and rescue personnel, medical support personnel, and school personnel.”</i> • <i>“Training, initial and refresher, is offered at least annually or as requested. A training program has been developed covering the types of radiation, how to use dosimetry to measure and track radiation exposure, the IPRA concept of operations, and the duties for which each organization and individual are responsible. A description of each training module is contained in Attachment D.”</i> <ul style="list-style-type: none"> • Dosimetry Control Officer (DCO) • Emergency Operations Center / Exercise Expectations Training (EOC/EE) • Emergency Worker (EW) • IPRA Program Overview / Local Officials Briefing • NARS Alerting & Notification • Radiation Basics: “Easing the Fear Factor • Radiation Emergency Medical Response • School Evacuation & Sheltering • Traffic & Access Control (TAC) <p><u>ALC – Radiological Emergency Response Training pg. 3:</u></p> <ul style="list-style-type: none"> • <i>“Exelon personnel provided training to Exelon’s agreement hospital and ambulance personnel. The topics addressed were radiation fundamentals, radiation biology, As Low As Reasonably Achievable (ALARA), dose limits, use of dosimetry, basic emergency planning, set up of the Radiation Emergency Area (REA) and treatment procedures for radiation accident victims.”</i> • <i>“Internal training was conducted for agency radiological assessment staff periodically throughout the year. In response to the pandemic, all trainings were conducted remotely starting in March 2020. The topics included various elements of the dose assessment, computer analysis of radiation accidents, radiochemistry basics, reactor systems operations, emergency classification schemes and their basis and philosophy, training on protective action decision making and philosophy, efficacy of radio-protective drugs, environmental sampling and monitoring for radiological material guidelines.</i> |
| c. Dates training were held | X | | <p><u>ALC Attachment D: Radiological Emergency Response Training, Offers of Training</u></p> <ul style="list-style-type: none"> • The subfolders entitled “2020 Activity Report and Sign-In Sheets” detail training attendees identified by date, time, |

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| | | | <p>organization, course title, number attending, location/address, and instructor.</p> <p>The 2020 training dates are listed below:</p> <ul style="list-style-type: none"> • Multi-Station Training: 2/3, 2/4, 3/11, 6/3, 6/4 • Braidwood: 1/24, 2/5, 2/18, 2/19, 2/20, 2/21 • Byron: 3/12, 6/4 • Clinton: 1/6, 3/19, 6/10 • Dresden: 3/11, 6/3 • LaSalle: 11/2, 11/4, 11/6, 11/10, 11/12 • Quad Cities: 6/25, 8/25, 9/10, 9/15, 10/7, 10/8 |
| d. Number of participants | X | | <p><u>ALC Attachment D: Radiological Emergency Response Training, Offers of Training</u></p> <p>The subfolders entitled “2020 Activity Report” and “2020 Sign-In Sheets” detail training attendees identified by date, time, organization, course title, number attending, location/address, and instructor.</p> <p>The number of named organizations trained reported.</p> <ul style="list-style-type: none"> • Multi-Station: 66 • Braidwood: 420 • Byron: 19 • Clinton: 19 • Dresden: 27 • LaSalle: 205 • Quad Cities: 207 |
| e. Agencies/organizations represented | X | | <p><u>ALC Attachment D: Radiological Emergency Response Training, Offers of Training</u></p> <p>Below is a breakdown of the agencies represented by station.</p> <ul style="list-style-type: none"> • Multi-Station: FEMA V, IEMA, REAC, Exelon, Whiteside County, Scott County, Rock Island County, Iowa HSEMD, Will County, LaSalle County, Grundy County, Kankakee County, Clinton County, DeWitt County, McLean County, (17) • Braidwood: FEMA V, Will County, Grundy County, IEMA, Kankakee County, Exelon, (6) • Byron: Exelon, IEMA, , FEMA V, Winnebago County, Ogle County, Ogle County ESDA, Ogle County Sheriff, (7) • Clinton: Exelon, IEMA, DeWitt County, FEMA V, McLean County, Macon County, Piatt County, Clinton County, Lee County, (10) • Dresden: IEMA, FEMA V, Exelon, Grundy County, Will County, Kendall County, (6) • LaSalle: FEMA V, IEMA, Exelon, REAC, JIC, RRG, LaSalle County, LaSalle County Sheriff, Village of Seneca, Seneca Fire Department, Ottawa Police Department, Ottawa Fire Department, LaSalle County HAZMAT, LaSalle County Highway, OSF St. Elizabeth Medical Center, Grundy County, Illinois State Police, Streator Fire, Marseilles Fire, American Red Cross, (20) • Quad Cities: IEMA, Exelon, FEMA V, FEMA VII, State of Iowa, Rock Island County, Whiteside County, ISP, (8) |
| f. Agencies/organizations invited, but who did not attend. | X | | <p><u>ALC – Radiological Emergency Response Training pg. 3:</u></p> <ul style="list-style-type: none"> • <i>“In 2020, IEMA continued to work with the county EMAs to better identify agencies that were invited to training but did not attend. IEMA reviews training records against the grantee list to identify OROs not meeting the training/planning/exercising requirements. In 2020, no OROs were identified as not having participated in the required training, planning and/or exercising activities. If an ORO had not met program requisites, under the Grants Accountability and Transparency Act (GATA), those entities may be denied funds or be subject to designated special conditions beyond the standard grant requirements in order to be eligible for future funding.”</i> |
| g. Organizations that sponsored the training. | X | | <p><u>ALC – Radiological Emergency Response Training pg. 3:</u></p> |

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| | | | | <ul style="list-style-type: none"> • "IEMA is responsible for training state and local emergency personnel in operational and technical aspects of the IPRA." <p>ALC – Radiological Emergency Response Training pg. 5: <i>"MS1 Hospitals were not exercised during 2020 due to the ongoing pandemic. In lieu of in-person exercises, five hospitals were evaluated against REP criteria in relation to COVID-19 hospital response. REP designated hospitals submitted packets for consideration to receive actual incident credit for the pandemic response. All MS1 hospitals will be exercised at the earliest opportunity post pandemic. The actual incident credit packets are provided in Attachment B."</i></p> <p>ALC – Radiological Emergency Response Training pg. 3 <ul style="list-style-type: none"> • "Exelon personnel provided training to Exelon's agreement hospital and ambulance personnel." </p> |
| Drills NOTE: These drills shall not be part of a regularly scheduled exercise (NUREG-0654/FEMA-REP-1, Evaluation Criterion N.2), with exception of the annual medical drill. Only non-evaluated drills need to be reported in the ALC. | | | | |
| 1. A statement that communication drills (NUREG-0654/FEMA-REP-1, Evaluation Criterion N.2.a) were conducted: | | | | |
| This statement must include: | Y | N | N/A | ALC Reference / Comments |
| a. Monthly between the State and OROs within plume EPZ | X | | | <p>ALC – Communications Drills pg. 5:</p> <ul style="list-style-type: none"> • "IEMA conducts a monthly NARS Communication Drill with an element of understanding on the second Thursday of each month. The drills are conducted on varying shifts with the completed NARS from each participating entity provided to IEMA for documentation." • "Nuclear Accident Reporting System (NARS) drills are conducted continuously at various intervals. IEMA, Exelon, local governments, and the contiguous state within the 10-mile EPZs are involved in these tests." • "The system is tested daily. A total of seven NARS circuits (plus the land line communication with Zion) are tested each day. Two circuits are tested on the first telecommunicator and three circuits are tested on each of the second and third shifts. These circuits include IEMA, the local governments, Iowa, and various utility facilities." <p>ALC Attachment E: NARS Drills</p> |
| b. Quarterly between State and Federal emergency response organizations and states within ingestion pathway EPZ | X | | | <p>ALC – Communications Drills pg. 5:</p> <ul style="list-style-type: none"> • "Telephone contact points in Indiana and Wisconsin are tested and verified quarterly as part of the ingestion pathway response procedures for Dresden, Braidwood and Byron Stations. Exelon verifies federal response agency contact points and provides the updates to IEMA quarterly." |
| c. Annually between NPP, State, and local emergency operations centers, and radiological field monitoring teams | X | | | <p>ALC – Communications Drills pg. 5:</p> <ul style="list-style-type: none"> • "Nuclear Accident Reporting System (NARS) drills are conducted continuously at various intervals. IEMA, Exelon, local governments, and the contiguous state within the 10-mile EPZs are involved in these tests." • "The system is tested daily. A total of seven NARS circuits (plus the land line communication with Zion) are tested each day. Two circuits are tested on the first telecommunicator and three circuits are tested on each of the second and third shifts. These circuits include IEMA, the local governments, Iowa, and various utility facilities." • The RRG teams are not mentioned in the drills, but their communication is tested at least three times annually during the Pre-Exercises. The statewide radio network used during a nuclear power station incident is the same as that used daily for routine activities. This network is tested daily. |

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| d. Dates of communication drills and participating organizations | X | | | <p><u>ALC – Communications Drills pg. 5:</u> Communications between the State and local units of government were checked monthly. The NARS drills were suspended April-July during the early response to COVID-19.</p> <ul style="list-style-type: none"> • DeWitt (February, August-November) • Grundy (January-March, July-December) • Kankakee (February, March, July-December) • Kendall (August, September, November) • LaSalle (July-December) • Ogle (February, July-December) • Rock Island (January, August-December) • Whiteside (January, February, August-December) • Will (January, March, August-December) <p>• Feedback via email was provided from the State to Counties verifying receipt of the NARS forms</p> <p>• NARS drills were completed by each county once every 48 hours.</p> <p><u>IPRA Core Plan Annex N, Exercises and Drills</u></p> <ul style="list-style-type: none"> • Section III.A.1-3 discusses the daily, weekly, monthly, and annual communications drills. <p><u>ALC Attachment E: NARS Drills</u></p> |
| <p>2. A statement that radiological monitoring drill related to plume EPZ was conducted annually and included collection and analyses of all sample media (e.g., water, vegetation, soil, and air) with provisions for communication and record keeping. Where a State is responsible for more than one site, the State portion of drills need not be done at each site. (NUREG-0654/FEMA-REP-1, Evaluation Criterion N.2.d)</p> | | | | |
| This statement must include: | Y | N | N/A | ALC Reference / Comments |
| a. Dates of monitoring drills | X | | | <p><u>ALC Radiological Monitoring Drills pg. 6:</u></p> <ul style="list-style-type: none"> • <i>“Radiological monitoring drills are conducted annually and include the collection and analyses of all sample types (e.g., water, vegetation, soil and air).”</i> <p>IEMA demonstrated its radiological monitoring capabilities during the following exercises/drills:</p> <ul style="list-style-type: none"> • Braidwood - 01/28/2020 – Braidwood Pre-Ex • In addition to the radiological monitoring drills, RRG conducted approximately 22 other trainings and exercises. <p><u>IPRA Core Plan Annex N, Exercises and Drills</u></p> <ul style="list-style-type: none"> • Section III.A.5 discusses annual radiological monitoring drills. |
| b. Organizations that participated | X | | | <p><u>ALC – Drills, pg. 6:</u></p> <ul style="list-style-type: none"> • RRG |
| <p>NOTE: These drills must involve personnel and resources for field team coordination and field teams.</p> | | | | |
| <p>3. A statement that health physics drills were conducted semiannually with licensees that included response to, and analyses of, simulated elevated airborne and liquid samples and direct radiation measurements in environment. Where a State is responsible for more than one site, the State portion of drills need not be done at each site. (NUREG-0654/FEMA-REP-1, Evaluation Criterion N.2.e)</p> | | | | |
| This statement must include: | Y | N | N/A | ALC Reference / Comments |
| a. Dates of health physics drills | X | | | <p><u>ALC Health Physics Drills, pg. 6:</u></p> <p>IEMA staff performed essential elements of health physics drills during the exercises/drills:</p> <ul style="list-style-type: none"> • Braidwood - 01/28/2020 - Clinton Pre-Ex • Braidwood - 03/03/2020 - Braidwood Evaluated Exercise |

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| | | | | IPRA Core Plan Annex N, Exercises and Drills <ul style="list-style-type: none"> • Section III.A.6 discusses the semiannual health physics drills. |
| b. Organizations that participated | X | | | ALC – Drills, pg. 6: <ul style="list-style-type: none"> • Health Physics Drills (REAC Operations) |
| NOTE: Health physics drills must involve personnel and resources for dose assessment. | | | | |
| 24-Hour Staffing (NUREG-0654/FEMA-REP-1, Evaluation Criterion A.1.e) | | | | |
| 1. A statement that sufficient trained and capable staff is available to maintain 24-hour capability for protracted activation. | | | | |
| This statement must include: | Y | N | N/A | ALC Reference / Comments |
| a. Title/position responsible for 24-hour emergency response | X | | | ALC 24-Hour Staffing, pg. 7: <ul style="list-style-type: none"> • “Sufficiently trained and capable staff is available to maintain 24-hour capability for a protracted activation. Each ORO is responsible for maintaining a staffing roster that addresses 24-hour staffing needs. The rosters are made available for review during each exercise.” • The rosters were reviewed during the Braidwood, LaSalle, and Quad Cities REPEX activities. |
| b. Procedures for 24-hour emergency response | X | | | <ul style="list-style-type: none"> • Not addressed in ALC, this is located in the IPRA Core Plan Annexes A, D, and E, and in Chapter 3 of the county-specific plans. |
| c. Location of 24-hour communications center | X | | | ALC Emergency Facilities and Equipment, pg. 7: <ul style="list-style-type: none"> • “The SEOC, the Operations Center (formerly the Communications Center), and REAC are collocated in the same building.” |
| d. Refer to 24-hour communications center personnel roster | X | | | ALC – 24 Hour Staffing pg. 7: <ul style="list-style-type: none"> • “Each ORO is responsible for maintaining a staffing roster that addresses 24-hour staffing needs. The rosters are available for review during each exercise.” |
| e. Specify primary and backup means of communication | X | | | ALC – Emergency Facilities and Equipment pg. 7: <ul style="list-style-type: none"> • “The SEOC is equipped with a variety of communications equipment. NARS connects the communications center, REAC, Exelon, counties, and the contiguous state (Iowa) within the 10-mile EPZ. Finally, there are adequate commercial telephone lines for all agencies represented in the SEOC.” • “The Emergency Offsite Notification System provides an audible warning and electronic and printed messages for Utility NARS distribution to all initial warning points States of Illinois, Iowa, and all REP counties.” |
| Emergency Facilities and Equipment (NUREG-0654/FEMA-REP-1, Evaluation Criteria H.3; G.3.a; J.10.h; J.12; K.5.b) | | | | |
| 1. Identification of facilities that are new or have had substantial changes in structure or mission since initial evaluation. A substantial change is one that has a direct affect or impact on the emergency response operations performed in those facilities. | | | | |
| This statement must include: | Y | N | N/A | ALC Reference / Comments |
| a. Verification that the facility has been evaluated, or the expected date of the evaluation | X | | | ALC – Emergency Facilities and Equip pg. 9: <ul style="list-style-type: none"> • “No significant changes have occurred to the state’s facilities and equipment (including communications equipment) or mission since they were last evaluated that would result in a degradation of capability. IEMA’s alternate REAC was upgraded with new monitors, a digital switching station, and new webcams. There were no new emergency response facilities, communication systems, or sheltering facilities |

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| | | | | identified in 2020. In addition, no other current facilities, communications systems, or sheltering facilities in the plans/procedures have undergone substantial changes." |
| 2. Certification that no substantial changes in structure or mission of previously reported facilities have occurred since initial evaluation. | | | | |
| This statement must affirm that: | Y | N | N/A | ALC Reference / Comments |
| a. There are no other new emergency response facilities, communications systems, or congregate care facilities | X | | | ALC – Emergency Facilities and Equip pg. 9: <ul style="list-style-type: none"> "No significant changes have occurred to the state's facilities and equipment (including communications equipment) or mission since they were last evaluated that would result in a degradation of capability. IEMA's alternate REAC was upgraded with new monitors, a digital switching station, and new webcams. There were no new emergency response facilities, communication systems, or sheltering facilities identified in 2020. In addition, no other current facilities, communications systems, or sheltering facilities in the plans/procedures have undergone substantial changes." |
| b. None of the other current facilities, communications systems, or congregate care facilities in the plans/procedures has undergone substantial changes | X | | | ALC – Emergency Facilities and Equip pg. 9: <ul style="list-style-type: none"> "No significant changes have occurred to the state's facilities and equipment (including communications equipment) or mission since they were last evaluated that would result in a degradation of capability. IEMA's alternate REAC was upgraded with new monitors, a digital switching station, and new webcams. There were no new emergency response facilities, communication systems, or sheltering facilities identified in 2020. In addition, no other current facilities, communications systems, or sheltering facilities in the plans/procedures have undergone substantial changes." |
| 3. A statement that inspection, inventory, and operational checks were made of survey instruments utilized for radiological monitoring (evacuee and emergency worker) and environmental monitoring and analysis (radiological field monitoring teams and radiological laboratory) at least once each calendar quarter and upon each use. (NUREG-0654/FEMA-REP-1, Evaluation Criterion H.10) | | | | |
| This statement must include: | Y | N | N/A | ALC Reference / Comments |
| a. Type of equipment | X | | | ALC – Emergency Facilities and Equip pp. 8-10: <ul style="list-style-type: none"> The types of equipment were reviewed and verified during the Illinois Staff Assistance Visit conducted 2-3 January 2020. ALC Attachment H : Quarterly Dosimetry Checks |
| b. Quantity of equipment | X | | | ALC – Emergency Facilities and Equip pp. 8-10: <ul style="list-style-type: none"> The types of equipment were reviewed and verified during the Illinois Staff Assistance Visit conducted 2-3 January 2020. ALC Attachment H : Quarterly Dosimetry Checks |
| c. Location of equipment | X | | | ALC – Emergency Facilities and Equip pg. 9: <ul style="list-style-type: none"> "A hard copy and computerized inventory of all emergency equipment and instrumentation, including maintenance and inspection records, is maintained at the IEMA Knotts Street facility in Springfield." |
| d. Calibration frequency | X | | | ALC – Emergency Facilities and Equip pg. 9: <ul style="list-style-type: none"> "Calibration of monitoring equipment is performed annually. "Operational checks of monitoring equipment (i.e. handheld monitors, portal monitors, etc.) are performed quarterly." |
| e. Dates of inspection/inventory check | X | | | ALC – Emergency Facilities and Equip pg. 9: <ul style="list-style-type: none"> Inspection and inventory dates are provided in the equipment records maintained by the State. "A hard copy and computerized inventory of all emergency equipment and instrumentation, including maintenance and |

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| | | | | <i>inspection records, is maintained at the IEMA Knotts Street facility in Springfield."</i> • ALC Attachment H : Quarterly Dosimetry Checks |
| 4. A statement that survey instruments utilized for measuring radiation during environmental monitoring and analysis (field teams and radiological laboratories) were calibrated at intervals recommended by supplier of equipment (NUREG-0654/FEMA-REP-1, Evaluation Criterion H.10) | | | | |
| If calibration occurred, the statement must include: | Y | N | N/A | ALC Reference / Comments |
| a. Type of equipment | X | | | • See 3.a |
| b. Quantity of equipment | X | | | • See 3.b |
| c. Location of equipment | X | | | • See 3.c |
| d. Dates of calibration | X | | | • See 3.d |
| 5. A statement that direct-reading dosimetry has been tested for accuracy. All Direct-Reading Dosimeters (DRDs) shall be inspected for electrical leakage at least annually. CDV-138s must be inspected for electrical leakage quarterly. Dosimeters shall be recharged or replaced as necessary. (NUREG-0654/FEMA-REP-1, Evaluation Criterion H.10) | | | | |
| This statement must include: | Y | N | N/A | ALC Reference / Comments |
| a. Type of equipment | X | | | <u>ALC – Emergency Facilities and Equip pg. 10:</u> • DCOs conduct annual drift tests on Direct Read Dosimeters (DRD) in accordance with local procedures and the manufacturer's recommendations with support from IEMA staff, as needed." • ALC Attachment H : Quarterly Dosimetry Checks |
| b. Quantity of equipment | X | | | <u>ALC – Emergency Facilities and Equip pg. 10:</u> • A list of DCOs, quantities, and locations are maintained by IEMA in the DCO database. These DCO lists are provided to FEMA during each exercise for review. • The state calibrates all equipment, but only maintains records for state-level equipment. Each county agency DCO maintains their own equipment documentation. |
| c. Location of equipment | X | | | <u>ALC – Emergency Facilities and Equip pg. 9-10:</u> • See also 5.b • Location of county-held equipment is verified quarterly via email. • ALC Attachment H : Quarterly Dosimetry Checks |
| d. Dates of calibration | X | | | <u>ALC – Emergency Facilities and Equip pg. 9-10:</u> • A review of state-level records indicated that all leakage tests were within tolerance. • Effective 2018, the State REP Coordinator introduced a process to withhold grants from REP agencies that do not submit required paperwork (to include the annual drift test) to enforce compliance. The Illinois Staff Assistance Visit record of document verification serves as the state equipment records inspection during the Illinois Staff Assistance Visit conducted 2-3 January 2020. |
| 6. A statement that sufficient quantities of potassium iodide (KI) are available for emergency workers, institutionalized individuals, and if the plan calls for it, the general public. (NUREG-0654/FEMA- REP-1, Evaluation Criterion J.10.e) If quantities of KI were not verified by FEMA during most recent biennial exercise: | | | | |
| This statement must include: | Y | N | N/A | ALC Reference / Comments |
| a. Amounts of KI available | X | | | <u>ALC – Emergency Facilities and Equip pg. 9-10:</u> • "In accordance with 10 CFR 50.47(b)(10), the State of Illinois reviewed the available guidance and data relative to the |

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| | | | | <p>prophylactic use of KI as a supplemental protective action under the IPRA. Although the State has determined that the drug provides no significant enhancement to public protection beyond that which can be effectively achieved through the implementation of the existing protective actions defined within the emergency plan, the State did implement a KI distribution program in 2012. In 2020, KI continued to be made available to the general public living within the 10-mile EPZ at no charge. The general public deciding to obtain the free KI also receives informational material on KI and contact information for any questions. The State still does not intend to formally recommend the use of KI for the general public as a protective action under the IPRA. However, the State may notify the public through the JIC of the proper time to make a decision regarding their ingestion of KI. Also, KI has been offered and distributed to facilities with institutionalized individuals within the 10-mile EPZ. Those facilities that accepted the KI were given enough supply to cover their facility when at full capacity. KI will be replaced at those facilities, as needed."</p> <ul style="list-style-type: none"> • IEMA has pre-positioned personnel dosimetry equipment, control forms, and KI 14-dose blister packets for over 6,000 emergency workers with EPZ emergency response organizations plus pre-assembled kits maintained by IEMA's RRG. The 2020 KI extension letter and test results are provided in Attachment G. • Potassium iodide lot numbers, quantities, and storage locations are verified at each county and hospital during their exercises. • If a KI extension letter is required, it is disseminated state-wide NLT June 30th. • <u>ALC Attachment G: KI Extension Letter</u> |
| b. Storage locations | X | | | <p><u>ALC – Emergency Facilities and Equip pp. 10-11:</u></p> <ul style="list-style-type: none"> • Dosimetry kit inventories are verified quarterly by each ORO jurisdiction issued dosimetry kits, including KI, and verification letters are submitted to IEMA. Also, KI inventories are verified during each staff assistance visit, and KI status is reported in each REP exercise after action report. • "A hard copy and computerized inventory of all emergency equipment and instrumentation, including maintenance and inspection records, is maintained at the IEMA Knotts Street facility in Springfield." |
| c. Expiration date(s) | X | | | <p><u>ALC – Emergency Facilities and Equip pg. 9:</u> The 2020 KI extension letter and test results are provided in Attachment G.</p> |
| Alert and Notification | | | | |
| 1. A statement that a routine siren testing program was completed pursuant to the design report. (FEMA-REP-10) | | | | |
| This statement must include: | Y | N | N/A | ALC Reference / Comments |
| a. Type of tests conducted in accordance with established schedule | X | | | <p><u>ALC – Alert and Notification pg. 10:</u></p> <ul style="list-style-type: none"> • "In 2020, all elements of the routine siren testing and maintenance program were conducted in accordance with the Exelon Nuclear Generating Station's Off-Site Siren Test Plan." • Full volume test monthly on the 1st Tuesday at 10:00am • Growl Test weekly on Monday • Silent Test weekly Tuesday through Friday |
| b. Dates of tests | X | | | <p><u>ALC Attachment I: EPZ Siren Systems Operability</u></p> <ul style="list-style-type: none"> • See 1.a |

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| c. Number of sirens tested operable and inoperable | X | | | <u>ALC Attachment I: EPZ Siren Systems Operability</u> <ul style="list-style-type: none"> Over the last 12 months, the percentage ratings ranged from a pass rate of 99.24%-100.00%, well within tolerance. Braidwood (48 sirens) 11,166 pass, 11,194 total = 99.75% Bryon (61 sirens) 15316 pass, 15433 total = 99.24% Clinton (40 sirens) 10116 pass, 10120 total = 99.96% Dresden (46 sirens) 11617 pass, 11638 total = 99.82% LaSalle (34 sirens) 8593 pass, 8602 total = 99.89% Quad Cities (42 sirens) 10608 pass, 10626 total = 99.83% |
| 2. Analysis of percentage of operable sirens. (FEMA-REP-10) | | | | |
| This must be at least 90 percent and include: | Y | N | N/A | ALC Reference / Comments |
| a. Computation of siren operability (percentage of sirens operable) for the immediately preceding calendar year. This is determined by simple average of all regularly conducted tests employed as part of testing program (e.g., silent, growl, full cycle). | X | | | <u>ALC Attachment I: EPZ Siren Systems Operability</u> <ul style="list-style-type: none"> Over the last 12 months, the percentage ratings ranged from a pass rate of 99.24%-100.00%, well within tolerance. |
| b. Description (or calculations) of method used to calculate siren operability percentage | X | | | <u>ALC – Alert and Notification pg. 11:</u> <ul style="list-style-type: none"> "Analysis of the percentage of sirens operable is provided in Attachment I, which is a visual graphic that depicts the monthly operability percentages for 2020. These percentages were calculated using the following formula: % Operability = ANS Siren Test Successes/ANS Siren Test Opportunities" |
| 3. A statement (if applicable) that a maintenance program for residential tone alert radios has been properly implemented. (FEMA-REP-10) | | | | |
| This statement must specify the type and frequency of residential tone alert radio (as part of primary ANS) tests conducted and include assurances that: | Y | N | N/A | ALC Reference / Comments |
| a. Registers, containing list of addresses where equipment is located, have been updated to reflect additions or changes | | | X | <u>ALC – Alert and Notification pg. 11</u> <ul style="list-style-type: none"> No tone alert or other special types of warning equipment is used for residential warning of a nuclear power plant accident in any Illinois EPZ county. The State of Illinois and affected Counties are currently pursuing the use of IPAWS for back-up alerting in the event of a siren failure. |
| b. Registers include individuals who have refused this equipment | | | X | See 3.a. |
| c. Equipment operating checks have been completed or offered to residents with this equipment | | | X | See 3.a. |
| d. Tests identifying frequency were conducted offering the public a means to self-test its receivers | | | X | See 3.a. |
| e. Necessary written guidance was provided that addressed: | | | X | See 3.a. |
| 1. General usage | | | X | See 3.a. |
| 2. Self-testing frequency and method | | | X | See 3.a. |

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| 3. Suggested placement to facilitate efficient use | | | X | See 3.a. |
| 4. Maintenance program details | | | X | See 3.a. |
| 5. Telephone numbers for repair or replacement | | | X | See 3.a. |
| 4. A statement specifying type and frequency of routine testing of all applicable alerting systems, other than sirens and tone alert radios. This testing must be performed at least annually. (FEMA-REP-10) | | | | |
| Alerting methods may include: | Y | N | N/A | ALC Reference / Comments |
| a. Mobile route alerting and Notification | | | X | • Only alerting system is sirens. |
| b. Aircraft route alerting and Notification | | | X | • Only alerting system is sirens. |
| c. Institutional alerting mechanisms in schools, hospitals, nursing homes, etc. | | | X | • Only alerting system is sirens. |
| d. Automatic telephone dialers/switching equipment | | | X | • Only alerting system is sirens. |
| e. Modulated power lines | | | X | • Only alerting system is sirens. |
| f. Type and frequency of residential tone alert radio (as part of primary ANS) tests conducted | | | X | • Only alerting system is sirens. |
| 5. A statement (if applicable) that a maintenance program for alerting systems other than sirens and tone alert radios (e.g., radios in schools/hospitals) has been properly implemented. (FEMA-REP-10) | | | | |
| This statement must include assurances that: | Y | N | N/A | ALC Reference / Comments |
| a. Registers, containing list of addresses where equipment is located, have been updated to reflect additions or changes | | | X | • Only alerting system is sirens. |
| b. Registers include organizations that have refused this equipment or information | | | X | • Only alerting system is sirens. |
| c. Equipment operating checks have been completed or offered | | | X | • Only alerting system is sirens. |
| d. Necessary written guidance was provided that addressed: | | | X | • Only alerting system is sirens. |
| 1. General usage | | | X | • Only alerting system is sirens. |
| 2. Suggested placement to facilitate efficient use | | | X | • Only alerting system is sirens. |
| 3. Maintenance program details | | | X | • Only alerting system is sirens. |
| 4. Telephone numbers for repair or replacement | | | X | • Only alerting system is sirens. |
| 6. A statement (if applicable) for exception areas requiring alert and Notification methods, other than sirens and tone alert radios (e.g., aircraft and/or mobile route alerting and Notification) that routes, alerting methods, and resources remain unchanged. If changes did occur, design report must be updated to reflect modifications. | | | | |
| This statement must include assurances that: | Y | N | N/A | ALC Reference / Comments |
| The routes, alerting methods, and resources remain unchanged. | | | X | • There are no exception areas in Illinois |

| 7. A statement that siren sound pressure/population density requirements have been met. (FEMA-REP-10) | | | | |
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| This statement must include assurances that: | Y | N | N/A | ALC Reference / Comments |
| a. In areas where siren sound pressure level is less than 60 dBc, population remains below 2,000 persons per square mile | X | | | <u>ALC – Alert and Notification pg. 10</u> <ul style="list-style-type: none"> During 2020, siren sound pressure and population density requirements continued to be met as defined in the design report submitted by Exelon and approved by FEMA. |
| b. If population has increased to the level of 2000 persons per square mile, siren sound pressure levels must be increased and design report modified | X | | | <u>ALC – Alert and Notification pg. 10</u> <ul style="list-style-type: none"> During 2020, siren sound pressure and population density requirements continued to be met as defined in the design report submitted by Exelon and approved by FEMA. |
| 8. A statement (if applicable) that in areas not covered by sirens, no permanent population has relocated into these areas. In areas of EPZ where no permanent population exists and transients would not frequent, a letter certifying this fact was provided with initial design report. State must certify that this condition remains unchanged; no permanent or transient population has relocated in these areas. If relocation did occur, sirens, tone alert radios, or other means for alerting these individuals would then be required. | | | | |
| This statement must include assurances that: | Y | N | N/A | ALC Reference / Comments |
| a. No permanent or transient population has relocated in these areas. | | | X | <ul style="list-style-type: none"> All areas have siren coverage |
| b. If relocation occurred, sirens, tone alert radios, or other means for alerting these individuals have been provided. | | | X | <ul style="list-style-type: none"> All areas have siren coverage |