

**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 Michigan – Calendar Year 2020  
Review date: January 29-February 9, 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 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
a. ORO plans/procedures were reviewed for accuracy and completeness	<b>X</b>			See 2 ALCReport2020_FINAL, pg. 22. – EF 1/28/2021
b. Letters of Agreement (LOAs) were reviewed for accuracy and completeness	<b>X</b>			See 2 ALCReport2020_FINAL, pg. 22. – EF 1/28/2021 Verify LE-Sensitive information during SAV.
c. Updated LOAs / amendments submitted	<b>X</b>			See 2 ALCReport2020_FINAL, pg. 22. – EF 1/28/2021 Verify LE-Sensitive information during SAV.
d. Updated plan/procedure amendments submitted	<b>X</b>			See 2 ALCReport2020_FINAL, pg. 22. – EF 1/28/2021 Verify LE-Sensitive information during SAV.

**Public Education and Information**

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	<b>X</b>			See 2. ALC.Report.2020_FINAL, pages 1-2 – EF 1/28/2021

b. Means of dissemination	X			See 2. ALC.Report.2020_FINAL, pages 1-2 – EF 1/28/2021
c. Identification of recipients	X			See 2. ALC.Report.2020_FINAL, pages 1-2 – EF 1/28/2021
d. Copies of all public information materials	X			See artifacts in the following folders: Attachment I (Palisades); Attachment H (Fermi 2); Attachment G (D.C. Cook). – EF 1/28/2021
e. Organizations responsible for distribution	X			See 2. ALC.Report.2020_FINAL, pages 1-2 – EF 1/28/2021
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			See 2. ALC.Report.2020_FINAL, page 2 – EF 1/28/2021
b. Means of dissemination	X			See 2. ALC.Report.2020_FINAL, page 2 – EF 1/28/2021
c. Identification of locations where information was distributed or posted	X			See 2. ALC.Report.2020_FINAL, page 2 – EF 1/28/2021
d. Copies of all public information materials	X			See 2. ALC.Report.2020_FINAL, page 2 – EF 1/28/2021
e. Organizations responsible for distribution	X			See 2. ALC.Report.2020_FINAL, page 2 – EF 1/28/2021
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			See 2. ALC.Report.2020_FINAL, pages 1-2 – EF 1/28/2021
b. Identifies organizations responsible for maintenance/ updates	X			See 2. ALC.Report.2020_FINAL, pages 1-2 – EF 1/28/2021
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			DC Cook: page 34 of Attachment G; Fermi 2 pags19-24 of Attachment H; Palisades encl. 4 PalisadesMailer directs public to a company website with ingestion information located at the following link: <a href="https://cdn.entergy-nuclear.com/userfiles/ep/palisades/palisades.pdf">https://cdn.entergy-nuclear.com/userfiles/ep/palisades/palisades.pdf</a> , pages 10-15 of the linked PDF. – EF 1/29/2021
b. Copies of public information materials	X			See ALC Attachments G, H, and I – EF 1/29/2021
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			See 2. ALC.Report.2020_FINAL, page 2 – EF 1/28/2021
b. Agencies/organizations invited/ participated	X			See 2. ALC.Report.2020_FINAL, page 2 – EF 1/28/2021
c. Organizations that sponsored program	X			See 2. ALC.Report.2020_FINAL, page 2 – EF 1/28/2021
d. Description of program	X			See 2. ALC.Report.2020_FINAL, page 2 – EF 1/28/2021
<b>NOTE:</b> 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.				
<b>Radiological Emergency Response Training</b>				
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)				
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			See ATTACHMENT B.10 and State Training Table 2020_ALC – EF 1/28/2021
b. Scope and purpose	X			See ATTACHMENT B.10 – EF 1/28/2021
c. Dates training were held	X			See State Training Table 2020_ALC – EF 1/28/2021
d. Number of participants	X			See State Training Table 2020_ALC – EF 1/28/2021
e. Agencies/organizations represented	X			See State Training Table 2020_ALC – EF 1/28/2021
f. Agencies/organizations invited, but who did not attend.	X			ALC 2020 Training Attendance MSP along with risk county ALC 2020 Exhibits folders – EF 1/28/2021
g. Organizations that sponsored the training.	X			See State Training Table 2020_ALC – EF 1/28/2021
<b>Drills</b>				
<b>NOTE:</b> 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			See 8. MSP Communication Test records ALC 2020; Attachment K; See 2 ALCReport2020_FINAL, pgs. 8-9. – EF 1/28/2021
b. Quarterly between State and Federal emergency response organizations and states within ingestion pathway EPZ	X			See 8. MSP Communication Test records ALC 2020; Attachment K; See 2 ALCReport2020_FINAL, pgs. 8-9. – EF 1/28/2021
c. Annually between NPP, State, and local emergency operations centers, and radiological field monitoring teams	X			See 8. MSP Communication Test records ALC 2020; Attachment K; See 2 ALCReport2020_FINAL, pgs. 8-9. – EF 1/28/2021
d. Dates of communication drills and participating organizations	X			See 8. MSP Communication Test records ALC 2020; Attachment K; See 2 ALCReport2020_FINAL, pgs. 8-9. – EF 1/28/2021
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)				
This statement must include:	Y	N	N/A	ALC Reference / Comments
a. Dates of monitoring drills	X			See Attachment A, Encl 9 Drills – EF 1/18/2020
b. Organizations that participated	X			See Attachment A, Encl 9 Drills – EF 1/18/2020
<b>NOTE:</b> These drills must involve personnel and resources for field team coordination and field teams.				
<b>3.</b> 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)				
This statement must include:	Y	N	N/A	ALC Reference / Comments
a. Dates of health physics drills	X			See Attachment A, Encl 9 Drills – EF 1/28/2020
b. Organizations that participated	X			See Attachment A, Encl 9 Drills – EF 1/28/2020
<b>NOTE:</b> Health physics drills must involve personnel and resources for dose assessment.				
<b>24-Hour Staffing</b> (NUREG-0654/FEMA-REP-1, Evaluation Criterion A.1.e)				
<b>1.</b> 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			See 8. MSP Communication Test records ALC 2020; Attachment K; Attachment A, EGLE Encl 7 24hr Staffing– EF 1/28/2021
b. Procedures for 24-hour emergency response	X			See 8. MSP Communication Test records ALC 2020; Attachment K; Attachment A, EGLE Encl 7 24hr Staffing– EF 1/28/2021
c. Location of 24-hour communications center	X			See 8. MSP Communication Test records ALC 2020; Attachment K; Attachment A, EGLE Encl 7 24hr Staffing– EF 1/28/2021
d. Refer to 24-hour communications center personnel roster	X			See 8. MSP Communication Test records ALC 2020; Attachment K; Attachment A, EGLE Encl 7 24hr Staffing– EF 1/28/2021
e. Specify primary and backup means of communication	X			See 8. MSP Communication Test records ALC 2020; Attachment K; Attachment A, EGLE Encl 7 24hr Staffing– EF 1/28/2021
<b>Emergency Facilities and Equipment</b> (NUREG-0654/FEMA-REP-1, Evaluation Criteria H.3; G.3.a; J.10.h; J.12; K.5.b)				
<b>1.</b> 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	No new emergency operation or support facilities reported during 2020. – EF 1/28/2021

<b>2. Certification that no substantial changes in structure or mission of previously reported facilities have occurred since initial evaluation.</b>				
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	No new emergency operation or support facilities reported during 2020. See page 4 of 2 ALCReport2020_FINAL– EF 1/28/2021
b. None of the other current facilities, communications systems, or congregate care facilities in the plans/procedures has undergone substantial changes			X	No new emergency operation or support facilities reported during 2020. See page 4 of 2 ALCReport2020_FINAL– EF 1/28/2021
<b>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)</b>				
This statement must include:	Y	N	N/A	ALC Reference / Comments
a. Type of equipment	X			See Several documents in Attachment A delineating equipment, quantities, location, et cetera; See 2 ALCReport2020_FINAL, pgs. 6-7. – EF 1/18/2020
b. Quantity of equipment	X			See Several documents in Attachment A delineating equipment, quantities, location, et cetera; See 2 ALCReport2020_FINAL, pgs. 6-7. – EF 1/18/2020
c. Location of equipment	X			See Several documents in Attachment A delineating equipment, quantities, location, et cetera; See 2 ALCReport2020_FINAL, pgs. 6-7. – EF 1/18/2020
d. Calibration frequency <ul style="list-style-type: none"> <li>Per manufacturer's specs</li> <li>Not greater than annually</li> </ul>	X			See Several documents in Attachment A delineating equipment, quantities, location, et cetera; See 2 ALCReport2020_FINAL, pgs. 6-7. – EF 1/18/2020
e. Dates of inspection/inventory check <ul style="list-style-type: none"> <li>Per manufacturer's specs</li> <li>Not greater than annually</li> </ul>	X			See Several documents in Attachment A delineating equipment, quantities, location, et cetera; See 2 ALCReport2020_FINAL, pgs. 6-7. – EF 1/18/2020
<b>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)</b>				
If calibration occurred, the statement must include:	Y	N	N/A	ALC Reference / Comments
a. Type of equipment	X			See Several documents in Attachment A delineating equipment, quantities, location, et cetera – EF 1/18/2020
b. Quantity of equipment	X			See Several documents in Attachment A delineating equipment, quantities, location, et cetera – EF 1/18/2020
c. Location of equipment	X			See Several documents in Attachment A delineating equipment, quantities, location, et cetera – EF 1/18/2020
d. Dates of calibration	X			See Several documents in Attachment A delineating equipment, quantities, location, et cetera – EF 1/18/2020

<b>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)</b>				
This statement must include:	Y	N	N/A	ALC Reference / Comments
a. Type of equipment	X			See Several documents in Attachment A delineating equipment, quantities, location, et cetera – EF 1/18/2020
b. Quantity of equipment	X			See Several documents in Attachment A delineating equipment, quantities, location, et cetera – EF 1/18/2020
c. Location of equipment	X			See Several documents in Attachment A delineating equipment, quantities, location, et cetera – EF 1/18/2020
d. Dates of calibration	X			See Several documents in Attachment A delineating equipment, quantities, location, et cetera – EF 1/18/2020
<b>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:</b>				
This statement must include:	Y	N	N/A	ALC Reference / Comments
a. Amounts of KI available	X			See 2015 KI Receiving Storage and Distribution Plan 9-25-15, pgs. 10, 11, 12; 20; 2 ALCReport2020_FINAL, page 5. – EF 1/28/2021
b. Storage locations	X			See 2015 KI Receiving Storage and Distribution Plan 9-25-15, pgs. 10, 11, 12; 20; 2 ALCReport2020_FINAL, page 5. – EF 1/28/2021
c. Expiration date(s)	X			See 2015 KI Receiving Storage and Distribution Plan 9-25-15, pgs. 10, 11, 12; 20; 2 ALCReport2020_FINAL, page 5. – EF 1/28/2021
<b>Alert and Notification</b>				
<b>1. A statement that a routine siren testing program was completed pursuant to the design report.</b>				
This statement must include:	Y	N	N/A	ALC Reference / Comments
a. Type of tests conducted in accordance with established schedule	X			See 2 ALCReport2020_FINAL, pgs 3, 23-25
b. Dates of tests	X			See 2 ALCReport2020_FINAL, pgs 23-25
c. Number of sirens tested operable and inoperable <b>Ref: RPM:</b> <ul style="list-style-type: none"> <li>Silent tests should be conducted every two weeks</li> <li>Growl tests should be conducted at least quarterly</li> <li>Full-scale testing should be conducted annually and as required for formal exercises</li> <li>Other siren testing program will be reviewed on a case-by-case basis.</li> </ul>	X			Fermi 2 62 tested – operability 99.5% (see Attachment D, pg. 4)  Palisades tested 61 – operability 99.86% (see Attachment E, pg 23)  D.C. Cook tested 350-420 -- operability at 99.93% (see Attachment C)
<b>2. Analysis of percentage of operable sirens.</b>				
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	X			Fermi 2 rated at 99.5% (see Attachment D, pg. 4) Palisades rated at 99.86% (see Attachment E, pg 23) D.C. Cook rated at 99.93% (see Attachment C)

employed as part of testing program (e.g., silent, growl, full cycle). <b>Note:</b> Calculations will be checked by specialist to substantiate results.				
b. Description (or calculations) of method used to calculate siren operability percentage  <b>Ref: RPM:</b> Fixed Siren Maintenance Program.	<b>X</b>			Fermi 2 rated at 99.5% (see Attachment D, pg. 4) Palisades rated at 99.86% (see Attachment E, pg 23) D.C. Cook rated at 99.93% (see Attachment C)
<b>3. A statement (if applicable) that a maintenance program for residential tone alert radios has been properly implemented.</b>				
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	Page 23 of the ALC.Report.2020_FINAL pg 23 declares "No Tone Alert or other special types of warning equipment is used for residential warning..."
a. Registers, containing list of addresses where equipment is located, have been updated to reflect additions or changes			<b>X</b>	
b. Registers include individuals who have refused this equipment			<b>X</b>	
c. Equipment operating checks have been completed or offered to residents with this equipment			<b>X</b>	
d. Tests identifying frequency were conducted offering the public a means to self-test its receivers			<b>X</b>	
e. Necessary written guidance was provided that addressed:			<b>X</b>	
1. General usage			<b>X</b>	
2. Self-testing frequency and method			<b>X</b>	
3. Suggested placement to facilitate efficient use			<b>X</b>	
4. Maintenance program details			<b>X</b>	
5. Telephone numbers for repair or replacement			<b>X</b>	
<b>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.</b>				
Alerting methods may include:	Y	N	N/A	
a. Mobile route alerting and Notification	<b>X</b>			The table on pg. 25 of the 2 ALC.Report.2020_FINAL shows the State of Michigan's and the Counties' call out systems utilized to call in staff for a drill, exercise, or actual event. Attachment K (1-7) provides documentation for each system and if it has been utilized/tested at least annually as required.
b. Aircraft route alerting and Notification			<b>X</b>	
c. Institutional alerting mechanisms in schools, hospitals, nursing homes, etc.	<b>X</b>			The table on pg. 25 of the 2 ALC.Report.2020_FINAL shows the State of Michigan's and the Counties' call out systems utilized to call in staff for a drill, exercise, or actual event. Attachment K (1-7) provides

				documentation for each system and if it has been utilized/tested at least annually as required.
d. Automatic telephone dialers/switching equipment	X			The table on pg. 25 of the 2 ALC.Report.2020_FINAL shows the State of Michigan's and the Counties' call out systems utilized to call in staff for a drill, exercise, or actual event. Attachment K (1-7) provides documentation for each system and if it has been utilized/tested at least annually as required.
e. Modulated power lines			X	
f. Type and frequency of residential tone alert radio (as part of primary ANS) tests conducted			X	
<b>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.</b>				
This statement must include assurances that:	Y	N	N/A	The primary intent of the mobile alerting system is for use as a backup system, should the established county siren system fail. As such, areas are not pre-identified, nor are routes pre-described. If a failure of Alert and Notification sirens occur, areas and routes would be determined based upon the affected siren coverage areas. Individual utility siren testing results follow.
a. Registers, containing list of addresses where equipment is located, have been updated to reflect additions or changes	X			The table on pg. 25 of the 2 ALC.Report.2020_FINAL shows the State of Michigan's and the Counties' call out systems utilized to call in staff for a drill, exercise, or actual event. Attachment K (1-7) provides documentation for each system and if it has been utilized/tested at least annually as required.
b. Registers include organizations that have refused this equipment or information			X	
c. Equipment operating checks have been completed or offered	X			The table on pg. 25 of the 2 ALC.Report.2020_FINAL shows the State of Michigan's and the Counties' call out systems utilized to call in staff for a drill, exercise, or actual event. Attachment K (1-7) provides documentation for each system and if it has been utilized/tested at least annually as required.
d. Necessary written guidance was provided that addressed:			X	
1. General usage			X	
2. Suggested placement to facilitate efficient use			X	
3. Maintenance program details			X	
4. Telephone numbers for repair or replacement			X	
<b>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.</b>				
This statement must include assurances that:	Y	N	N/A	ALC Reference / Comments
The routes, alerting methods, and resources remain unchanged.			X	
<b>7. A statement that siren sound pressure/population density requirements have been met.</b>				
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	<b>X</b>			Fermi 2 rated at 99.5% (see Attachment D, pg. 4) Palisades rated at 99.86% (see Attachment E, pg 23) D.C. Cook rated at 99.93% (see Attachment C)
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	<b>X</b>			Fermi 2 rated at 99.5% (see Attachment D, pg. 4) Palisades rated at 99.86% (see Attachment E, pg 23) D.C. Cook rated at 99.93% (see Attachment C)
<b>8.</b> 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.			<b>X</b>	
b. If relocation occurred, sirens, tone alert radios, or other means for alerting these individuals have been provided.			<b>X</b>	