



FEMA Presentation
NRC 2019 Annual Emergency Preparedness
Stakeholder Meeting
September 2019



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Draft Update to the Radiological Emergency Preparedness Program Manual, Part V, Alert and Notification Systems



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Draft Updates to the REP Program Manual Update

- The following slide presentation is a high level synopsis of the draft Radiological Emergency Preparedness (REP) Program Manual (RPM).
- The RPM (draft) has not been subject to DHS, FEMA, FEMA/REPP management, and legal reviews and approvals, and the contents of this slide presentation should not be interpreted as official agency positions.



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Part V: Alert and Notification Systems

Purpose: The guidance included Part V addresses key ANS evaluation concepts and provides an explanation of the types of information that **should** be included in the ANS evaluation report (which is made up of the ANS plan and design report).

Overall Guidance

- Does not mention specific types of ANS
- Open to all forms of ANS
- Design Objectives – unchanged
- Requirement for an independent backup Alert and Notification method remains



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Part V: Alert and Notification Systems

- FEMA REP will not require the Design Report to include the technical operations of IPAWS
- FEMA REP believes IPAWS meets/exceeds the 94% minimum threshold for availability/reliability
- FEMA REP will not require the technical or IT architecture used by these organizations to be in the Design Report
- FEMA REP believes IPAWS WEA meets the minimum activation time of 15 minutes or less based on the WEA National Test AAR
- Relationship between Engineering Frameworks and ANS Evaluation Template (ANS Plan and Design Reports)



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Part V: Alert and Notification Systems

Engineering Frameworks:

- **Purpose:**

- Each Engineering Framework provides the specialized information requirements or clarification for each type of system (physical means – equipment & methods) is being used .

- **Alignment:**

- RPM Part V, REP Program Alert and Notification System Guidance
 - ANS Evaluation Report (ANS Plan and Design Report) Guidance
 - ANS Evaluation Report Templates
 - Engineering Frameworks
 - IPAWS-WEA, Sirens, TARs, EAS, IPAWS-EAS, Route Alerting, etc...



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Part V: Alert and Notification Systems -The Administrative Means (slide 1 of 2)

ANS Plan Guidance: This section is comprised of the information to assist in the development of an ANS Plan that meets the requirements of 44 CFR 350.5 (5) (6)/10 CFR 47 (b) 5 & 6;10 CFR 47.50, Appendix E. This sections focuses on the administrative means of the system(s). A copy of the ANS plan, or, if no formal ANS plan exists, a collection of the information, should be included as part of the ANS evaluation report.

- Any obligations between the licensee and the state, locals, tribes, or territories;
- Function/operation;
- Responsibility/authority;
- Administration;
- Requirements/functions;
- Security and privacy;



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Part V: Alert and Notification Systems -The Administrative Means (slide 2 of 2)

ANS Plan Guidance Continued:

- Training and quality assurance;
- Public outreach and education;
- Messaging to include the considerations/accommodations for the needs of specific populations; and
- Maintenance.

Depending on the design and the relationship between the NPP and the ORO, the above descriptions and documentation may be duplicative. The duties and obligations of the operations and functions may be shared in part or whole by either party and cannot be accurately reviewed without studying the entire ANS evaluation report.



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Part V: Alert and Notification Systems - The Physical Means

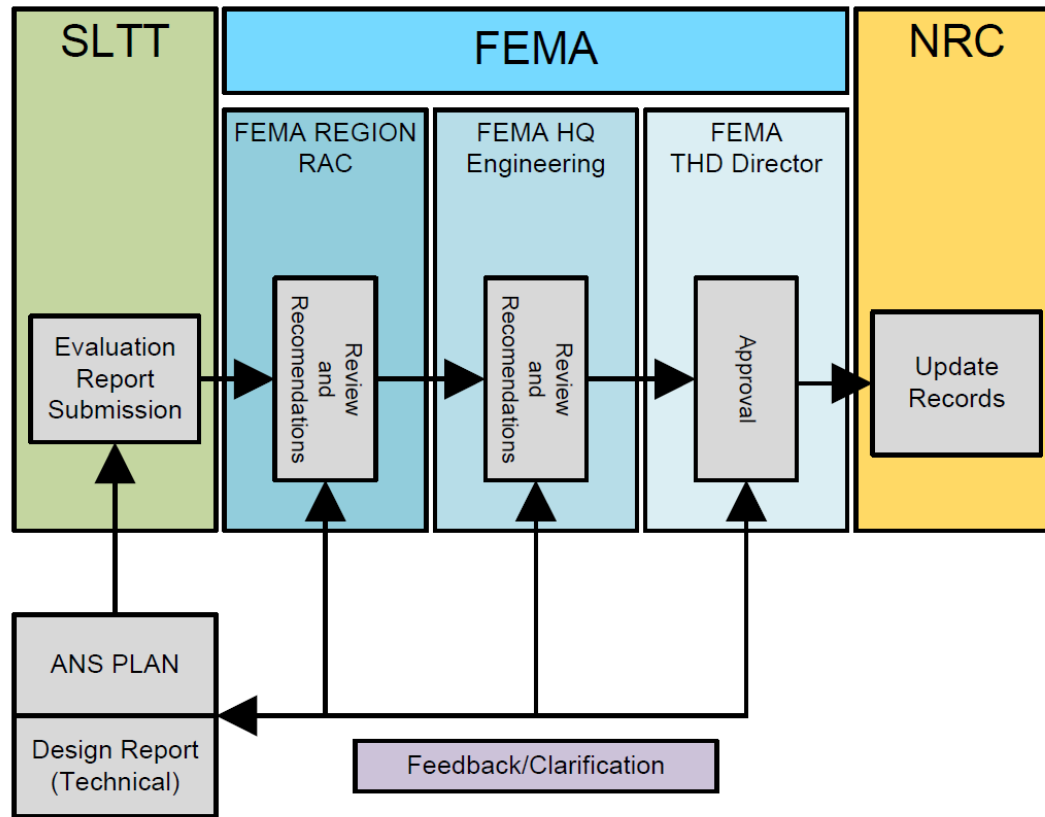
Design Report Guidance: This section describes and provides overarching guidance regarding the physical means and technical components of the system(s).

- Licensing Obligations
- Requirements
- Description/Performance
- Verification
- Availability/Reliability
- Security/Privacy
- Training and Public Outreach



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ANS Review Process-draft



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RPM Implementation

- FEMA Regional Offices will guide implementation process in the regions
- Anticipated RPM Release Date: 1 October 2019
- ANS Evaluation Report Template: Available now!



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Questions?



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Part V: Alert and Notification Systems Requests for Information (RFIs)

- What is the status of the ANS Evaluation Template?
- Why is REP producing engineering frameworks?
- What is the status of the Engineering Frameworks?
- Will FEMA REP produce a “How To Integrate IPAWS Guide”?
- What are the impediments to OROs using IPAWS as its primary ANS?
- What is FEMA doing to facilitate ORO integration of IPAWS into ORO plans?
- What are the demonstration/validation requirements for IPAWS?
- Can we initiate the integration of IPAWS into the our ANS Plans?
- How do we verify coverage – to ensure we meet the Design Objective?



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