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Classification: ***EXERCISE, EXERCISE, EXERCISE***

Situation:
In May 2020, FEMA and the NRC will be evaluating state, local and plant response capabilities to demonstrate “reasonable assurance” in the Ingestion Pathway Phase of an incident or accident involving the Cooper Nuclear Station (CNS).

Mission Purpose/Execution:
Day 1: Traditional Plume Phase Exercise: Mission Locations EOF, SEOC, Nemaha County EOC, Richardson County EOC, and Designated IPX Counties

Day 2: Ingestion Pathway Phase TTX: Locations: SEOC, NEMA Training Rooms, NEMA Large and Small Conference Rooms.

Mission Procedures:
Over the next 17 months you will be offered monthly training opportunities that will prepare you and your department, agency, or organization to successfully fulfill the requirements associated with your area(s) of responsibility in the Radiological Emergency Response Plan (RERP) for the upcoming Ingestion Pathway Exercise (IPX). Training and preparations for the upcoming IPX will include:

1. **Technical Assistance**: Small group and individual assistance to prepare you for your responsibilities as an ESF representative or staff support position, including the development or enhancement of checklists and other resources which may be of assistance to you during an emergency.

2. **Scenario-Based Games**: Designed to challenge both inter- and intra-dependencies, decision-making processes, communications, resource capabilities; test and validate specific components within plans, identify gaps, weaknesses, and clarify roles and responsibilities.

3. **Hybrid Tabletop/Functional Exercises**: Help ensure adequate plans, policies, procedures are in place or are developed, while testing response capabilities, communications (i.e. Alert & Notification), operational functions, staffing levels, information acquisition and exchanges using prescribed channels/methods between locals, state, federal, partners and stakeholders in support of their roles and responsibilities during the intermediate phase of a response to an incident at a NPP.

Mission Requirements:

1. **Ensure Doctrine, Organization, Training, Materiel, Leadership, Personnel and Facilities (DOTMLPF)** are in place, sufficient, and ready to meet mission objectives.

2. Execute taskers consistent with your individual area(s) of responsibility, identify and address gaps, and support intra- and inter-dependencies at state and local levels.

End State:
Achieve mission and exercise goals for IPX TTX

Communications, Service and Support:

1. Helps you identify who you need to establish and maintain communications with during an emergency (i.e., state>Federal, state>local/local>state, state>partners/stakeholders, state/locals>whole of community partners, state>public)

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2. Identify critical information requirements (i.e. Situation Reports, Requests for Assistance [RFAs] and Requests for Resources [RFRs], etc.), methods, pathways, reporting frequencies, etc.

Mission Goals & Objectives: (These must be demonstrated in IPX)

1. Identify areas that exceed PAGs.
   a. Identify sources/resources that can/will be utilized to make determinations/recommendations including federal resources and coordinating with/between departments and agencies at state and local levels
   b. Identify location data for dairies, food processors, slaughter houses, surface water sources, water facilities, fish and wildlife, etc.
   c. Determine sampling priorities (dairies and milk processing plants; grain and forage; fresh produce and processing plants; meat and water production facilities, etc.)
   d. Develop a sampling and monitoring plan based on areas identified
   e. Calculate exposures from pathways (milk, water, food)
      i. Project does using DILs
         • Food PAGs (Human Consumption)
         • Drinking Water & Surface waters
            - Wait for flow-by
            - Rationing clean water supplies
            - Treat contaminated water
            - Import tanker trucks or bottled/canned water
            - Activate or establish connections to neighborhood systems or closest sources/systems
         • Forage PAGs (Animal & Some Human Consumption)
   ii. Ensure laboratory analysis of samples
   iii. Implementing decisions and actions
   f. Protective Clothing & Respiratory Protection for Re-Entry, Relocation

2. Decisions regarding embargos/quarantines
   a. Basis for decisions, who, and how long
   b. How will it be coordinated between state and locals
   c. Communications with the public
   d. Sources for assistance
   e. Resources to implement

3. Decisions related to the relaxing of embargos/quarantines
   a. Basis for decisions, who, and how long
   b. How will it be coordinated between state and locals
   c. Communications with the public
   d. Sources for assistance
   e. Resources to implement

4. Ingestion Protective Actions/Restrictions
   a. Crops (cultivating, disking, or harvesting)
   b. Fishing (catch & release)
   c. Hunting (Non-Consumption, Prohibition)
   d. Slaughter Animals (Delay or ?)
   e. Removal of dairy animals from pasture/grazing
   f. Control of food products into and out of affected area(s)

5. Define Restricted, Relocation, and Exclusion Zones
   a. Control and security for all relocation and restricted/exclusion areas and activities.
   b. Determine areas that exceed PAGs for relocation
      i. Identify, procure, prepare to/for support for short and long term housing needs for those relocated.
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ii. Relocation of persons not previously evacuated
iii. How will it be coordinated between state and locals
iv. Communications with the public
v. Sources for assistance
vi. Resources to implement

c. Identify, establish, and control restricted areas and buffer zones
i. Basis for decisions, who, and how long
ii. How will it be coordinated between state and locals
iii. Communications with the public
iv. Sources for assistance
v. Resources to implement

d. Plans, processes, and procedures for re-entry
i. Eligibility and application for re-entry of persons for vital functions or to prepare for long term relocation.
ii. Access Control Points (ACPs), transportation, stay times, monitoring and decontamination functions/locations
iii. Basis for decisions, who, and how long
iv. How will it be coordinated between state and locals
v. Communications with the public
vi. Sources for assistance
vii. Resources to implement

e. Plans, processes, and procedures for return
i. Guidance for reducing exposure for those who are not being relocated.
ii. Return for those outside relocation area(s)
iii. Basis for decisions, who, and how long
iv. How will it be coordinated between state and locals
v. Communications with the public
vi. Sources for assistance
vii. Resources to implement

2. Restoration of essential/critical infrastructure and services
   a. Decontamination of routes
   b. Restoration of Utilities, local government, etc.
   c. Restoration of essential businesses (gas, groceries, care facilities, etc.)

3. Providing info to decision-makers so they can select, schedule, and implement protective and recovery actions.

Training & Exercise Goals

Demonstrate, validate, and/or develop capabilities that will:

1. Ensure the ability to coordinate and conduct response activities despite competing and conflicting priorities and authorities.

2. Utilize the whole of community approach to shape response activities, to identify, assess, and effectively communicate the immediate and long-term impacts, risks and protective actions to save lives, mitigate damages (including economic damages), and protect public health and safety following a Nuclear Power Plant (NPP) incident/accident.

3. Validate the capability to identify, request and incorporate federal support in accordance with the RAD/NUC Annex to assist state and local agencies.

4. Demonstrate a whole of community in providing coordinated public messaging during a NPP emergency.

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5. Demonstrate effective information collection and sharing to, from and among local, state, and federal response organizations; partners and stakeholders; whole of community partners, and the public. Vet the information for decision-makers.
   a. Collect, analyze, and utilize technical and operational information to inform decision-makers at all levels of government.