

17	<p>OTHER FEDERAL ASSETS INCLUDE:</p> <p>RADIOLOGICAL ASSISTANCE PROGRAM – OR RAP TEAM- WHICH IS USUALLY THE FIRST FEDERAL AGENCY TO ARRIVE AND ASSIST WITH ASSESSING WHAT OTHER STEPS NEED TO BE TAKEN TO MINIMIZE HAZARDS.</p> <p>REAC/TS – RADIATION EMERGENCY ASSISTANCE CENTER/TRAINING SITE – THE PRIMARY SOURCE OF INFORMATION FOR MEDICAL TREATMENT.</p>
18	<ul style="list-style-type: none"> <li>❑ FEDERAL RESOURCES, SUCH AS THOSE PRESENTED ARE AVAILABLE TO ASSIST YOU IN THE EVENT OF A RADIOLOGICAL EMERGENCY. THESE RESOURCES ARE GENERALLY CALLED UPON ONLY WHEN THE INCIDENT EXCEEDS THE CAPABILITIES OF COLORADO’S OWN RESOURCES, OR WHEN THE INCIDENT INVOLVES FEDERAL MATERIAL.</li> <li>❑ TO REQUEST THE ASSISTANCE OF A FEDERAL AGENCY, YOU SHOULD WORK THROUGH THE STATE, SPECIFICALLY THROUGH THE CDPHE. THESE ASSETS ARE ACCESSED THROUGH THE NATIONAL RESPONSE CENTER.</li> </ul>
19	<p>PREPLANNING IS AN IMPORTANT PART OF RESPONDING TO AN INCIDENT INVOLVING RADIOLOGICAL MATERIALS. BY KNOWING IN ADVANCE OF THE HAZARDS IN YOUR JURISDICTION, YOU WILL BE BETTER PREPARED TO RESPOND SHOULD AN ACCIDENT OCCUR.</p> <p>IN OUR NEXT MODULE WE WILL REVIEW THE IMPORTANCE OF SECONDARY HAZARDS TO YOU, THE RESPONDER.</p>

15	<p>IN THE EVENT OF A MAJOR INCIDENT, OR ONE INVOLVING FEDERALLY CONTROLLED MATERIAL, THE FEDERAL GOVERNMENT HAS A NUMBER OF AGENCIES THAT WILL BE ABLE TO ASSIST. IN SOME CASES, ESPECIALLY WITH THE MATERIALS THAT WERE DISCUSSED PREVIOUSLY AS BEING ESCORTED, THE FEDERAL AGENCY RESPONSIBLE WILL BE THE LEAD AGENCY IN RESOLVING THE PROBLEM.</p> <ul style="list-style-type: none"><li>❑ OTHER AGENCIES CAN ASSIST BY PROVIDING MONITORING CAPABILITIES, INCLUDING AIR, WATER, AND SOIL.</li><li>❑ SEVERAL FEDERAL RESOURCES CAN CREATE A COMPUTER GENERATED PICTURE OF HOW THE MATERIAL HAS BEEN DISPERSED BY THE WIND.</li><li>❑ THERE ARE A NUMBER OF AGENCIES THAT WILL PROVIDE ON SCENE SUPPORT, INCLUDING HIGHLY TRAINED EXPERTS IN RADIOLOGICAL MATERIAL.</li><li>❑ IF IT WERE NECESSARY, THEY CAN PROVIDE MEDICAL EXPERTISE ON HOW TO TREAT PERSONS WHO WERE EITHER EXPOSED OR CONTAMINATED. THIS ASSISTANCE IS TYPICALLY AT THE MEDICAL PROFESSIONAL LEVEL – THAT IS, DOCTOR TO DOCTOR.</li></ul>
16	<p>TO GIVE YOU AN IDEA OF THE FEDERAL CAPABILITIES, THESE ARE A FEW OF THE AGENCIES THAT MAY RESPOND TO ASSIST YOU:</p> <ul style="list-style-type: none"><li>❑ THE US EPA – ASSISTANCE WITH ACTIVITIES TO PROTECT THE ENVIRONMENT.</li><li>❑ FRMAC – FEDERAL RADIOLOGICAL MONITORING AND ASSESSMENT CENTER – COORDINATES RADIOLOGICAL MONITORING WITH STATE AND LOCAL AGENCIES.</li><li>❑ NEST – THE NUCLEAR EMERGENCY SEARCH TEAM – PROVIDING SPECIALIZED ASSISTANCE TO THE FEDERAL RESPONSE IN NUCLEAR OR RADIOLOGICAL TERRORIST INCIDENTS.</li></ul>

13	<p>SOME OF THE RESOURCES YOU MIGHT CONSIDER LOCATING FOR ASSISTANCE IN A RADIOLOGICAL INCIDENT INCLUDE:</p> <ul style="list-style-type: none"><li>❑ HEALTH PHYSICS SPECIALISTS. THESE MAY BE FOUND AT A LOCAL HOSPITAL, CLINIC, OR RADIOLOGY CENTER.</li><li>❑ SECOND WOULD BE CLEAN UP CONTRACTORS WHO ARE CAPABLE OF HANDLING RADIOACTIVE SPILL CLEAN UP.</li><li>❑ THIRD ARE COMPANIES THAT CAN PROVIDE ON-SCENE MONITORING, AS WELL AS SURVEYING OFF SITE AREAS FOR CONTAMINATION.</li><li>❑ FINALLY, BE SURE YOU HAVE ACCESS TO GOOD, RELIABLE, AND ACCURATE INFORMATION, INCLUDING REFERENCE MATERIALS.</li></ul>
14	<p>THE STATE OF COLORADO CAN ASSIST YOU WITH RESOURCES THAT BELONG TO THE STATE. SOME OF THE AGENCIES THAT CAN PROVIDE ON SITE ASSISTANCE INCLUDE:</p> <ul style="list-style-type: none"><li>❑ THE CDPHE – WITH TRAINED PERSONNEL AND DETECTION EQUIPMENT.</li><li>❑ THE COLORADO DNR – TO ASSIST WITH IDENTIFYING POTENTIAL HAZARDS TO WILDLIFE AND THE ENVIRONMENT.</li><li>❑ THE DEPARTMENT OF AGRICULTURE – FOR ASSISTANCE WITH LIVESTOCK AND CROPS.</li><li>❑ AND THE COLORADO STATE PATROL – ASSISTANCE WITH LAW ENFORCEMENT ISSUES AND ALSO HAZARDOUS MATERIALS PERSONNEL.</li></ul>

11	<ul style="list-style-type: none"><li>❑ FINALLY, AGENCIES SHOULD REVIEW AND PREPARE INTER-GOVERNMENTAL AGREEMENTS AND MEMORANDA OF UNDERSTANDING TO INSURE THERE ARE LEGAL AGREEMENTS FOR ASSISTANCE IF REQUIRED. THESE DOCUMENTS ALSO SERVE ADDITIONAL PURPOSES:</li> <li>❑ WELL WRITTEN AGREEMENTS INSURE THERE IS A CLEAR UNDERSTANDING OF EACH AGENCY’S ROLE IN RESOLVING THE INCIDENT</li> <li>❑ AGREEMENTS CAN ALSO HELP WITH RECOVERING THE COSTS OF THE ACTIONS TAKEN. FOR EXAMPLE, SPILLER PAYS LEGISLATION REQUIRES THE PARTY CAUSING THE SPILL TO PAY FOR THE COSTS OF RECOVERY.</li> <li>❑ IN SOME CASES, AGREEMENTS INSURE THAT THERE ARE NO CONCERNS OF LEGAL AUTHORITY WHILE ON SCENE.</li> <li>❑ FINALLY, THESE DOCUMENTS CAN SPELL OUT WHAT RESOURCES EACH ENTITY WILL OR CAN PROVIDE, INSURING A CLEAR UNDERSTANDING AND HELPING TO IDENTIFY AREAS WHERE RESOURCES MAY BE NEEDED.</li></ul>
12	<p>THE FOURTH PART OF PREPLANNING IS TO IDENTIFY THE RESOURCES THAT MAY BE AVAILABLE AND NECESSARY FOR RESOLVING AN INCIDENT INVOLVING RADIOLOGICAL MATERIALS.</p> <ul style="list-style-type: none"><li>❑ AS YOU MAY BE AWARE, UNDER THE NATIONAL INCIDENT MANAGEMENT SYSTEM, OR NIMS, DIFFERENT RESOURCES ARE BEING IDENTIFIED AND CLASSIFIED TO INSURE THAT YOU RECEIVE THE EQUIPMENT OR ASSISTANCE THAT YOU NEED.</li> <li>❑ AS YOU IDENTIFY NEEDED RESOURCES, YOU WILL WANT TO KNOW WHO THE RESOURCE IS, IF IT IS ASSISTANCE, OR WHO IT BELONGS TO, AS WELL AS WHERE IT IS LOCATED. YOU SHOULD KNOW HOW LONG IT WILL TAKE TO DEPLOY THAT RESOURCE TO YOUR LOCATION.</li> <li>❑ ADDITIONALLY, YOU SHOULD FIND OUT JUST WHAT THE EXTENT OF THE CAPABILITIES OF THE RESOURCE ARE. WHAT IT IS, HOW MUCH IS AVAILABLE, AND HOW SOON CAN IT GET TO YOU.</li></ul>

7	<p>THE THIRD PART IS TO COORDINATE WITH OTHERS.</p> <ul style="list-style-type: none"> <li>❑ REMEMBER TO INCLUDE ALL OF YOUR EMERGENCY RESPONSE PARTNERS, POLICE, FIRE, EMS, AND PUBLIC HEALTH.</li> </ul> <p>THIS COORDINATION SHOULD INCLUDE:</p> <ul style="list-style-type: none"> <li>❑ ROLES AND RESPONSIBILITIES</li> <li>❑ COMMUNICATIONS</li> <li>❑ AGREEMENTS AND MOU'S</li> </ul>
8	<ul style="list-style-type: none"> <li>❑ YOU SHOULD WORK TOGETHER TO INSURE A GOOD UNDERSTANDING OF EACH AGENCY'S ROLES AND RESPONSIBILITIES - WHAT YOU EXPECT THE AGENCY TO DO AS OPPOSED TO WHAT THEY ARE ACTUALLY PREPARED TO DO;</li> <li>❑ WHAT CAPABILITIES DO THEY HAVE</li> <li>❑ WHAT CAN THEY DO OR WILL THEY DO</li> <li>❑ WHAT DO THEY EXPECT FROM YOU</li> <li>❑ AND WHAT DO THEY WANT YOU TO NOT DO</li> <li>❑ FINALLY WHAT THE LIMITATIONS OF THEIR ROLE IS AND WHAT THEIR LEGAL AUTHORITY IS.</li> </ul>
9	<p>DISCUSS THE COMMUNICATIONS ISSUES THAT MAY EXIST BETWEEN THE DIFFERENT AGENCIES TO INSURE YOU KNOW WHO TO CONTACT SHOULD AN EVENT OCCUR. COMMUNICATIONS ISSUES INCLUDE:</p> <ul style="list-style-type: none"> <li>❑ RADIO INTEROPERABILITY</li> <li>❑ USE OF CELL PHONES</li> <li>❑ LANGUAGE ISSUES; EVEN THOUGH NIMS REQUIRES THE USE OF PLAIN ENGLISH DIFFERENT AGENCIES STILL HAVE DIFFERENT PERCEPTIONS OF WHAT THINGS MEAN.</li> </ul>
10	<p>ON EXAMPLE OF HOW COMMUNICATIONS CAN EXIST WHERE WE MAY NOT EXPECT THEM IS SHOWN IN THIS SLIDE. SUPPOSE DIFFERENT AGENCIES OF THE GOVERNMENT WERE INSTRUCTED TO "SECURE THAT BUILDING."</p> <ul style="list-style-type: none"> <li>❑ THE NAVY</li> <li>❑ THE ARMY</li> <li>❑ THE MARINES</li> <li>❑ THE AIR FORCE</li> <li>❑ AND THE FBI</li> </ul>

5	<p>WHAT TYPE OF INFORMATION CAN YOU GET, OR SHOULD YOU REQUEST?</p> <ul style="list-style-type: none"><li>❑ ONE OF THE MOST USEFUL IS THE MATERIAL SAFETY DATA SHEET – A DETAILED DESCRIPTION OF THE HAZARDOUS MATERIAL, INCLUDING SAFETY AND EMERGENCY RESPONSE PROCEDURES.</li><li>❑ TIER 2 REPORTS – THE REPORTS THAT GO TO THE LEPC LISTING THE HAZARDOUS CHEMICALS STORED OR USED AT THE FACILITY. BE AWARE THAT NOT ALL MATERIALS MUST BE REPORTED, AND EVEN THOSE THAT DO MAY HAVE LOWER LIMITS UNDER WHICH THEY DO NOT NEED TO BE REPORTED.</li><li>❑ FINALLY, USE GENERIC INFORMATION, SUCH AS CHEMICAL HANDBOOKS. YOU MAY EVEN FIND HAVING A HANDBOOK SPECIFICALLY DEDICATED TO RADIOLOGICAL MATERIALS USEFUL.</li></ul>
6	<p>THE SECOND PART OF THE PREPLANNING IS TO HAVE A WRITTEN PLAN.</p> <ul style="list-style-type: none"><li>❑ FOR THOSE WHO HAVE AN EMERGENCY RESPONSE PLAN, THIS IS USUALLY INCLUDED AS A RADIOLOGICAL APPENDIX UNDER THE HAZARD ANNEX.</li><li>❑ WHEN DEVELOPING A PLAN, IT IS IMPORTANT TO PREPARE A HAZARD AND VULNERABILITY ASSESSMENT TO DETERMINE WHAT THE LOCAL HAZARDS ARE, DETERMINE WHAT THE RISKS ARE TO THE COMMUNITY AND EMERGENCY RESPONDERS, AND THE TO PREPARE AN APPROPRIATE RESPONSE PLAN.</li><li>❑ REMEMBER THAT WE OFTEN PLAN FOR THOSE EVENTS WE HAVE EXPERIENCED BEFORE, AND HISTORY IS NOT ALWAYS THE BEST INDICATOR OF THE POTENTIAL FOR HAZARDS.</li></ul>

3	<p>KNOWING YOUR JURISDICTION;</p> <ul style="list-style-type: none"> <li>❑ WHO IS USING RADIOLOGICAL MATERIALS – WHERE ARE THEY LOCATED – WHAT ARE THEY USING – AND HOW MUCH, HOW OFTEN, AND HOW THEY SHIP AND RECEIVE MATERIALS.</li> <li>❑ IDENTIFY ROUTES USED FOR LARGER OR REGULATED SHIPMENTS PASSING THROUGH YOUR COMMUNITY.</li> <li>❑ SEEK SOURCES OF INFORMATION WITHIN YOUR AREA, INCLUDING THE RADIOLOGICAL OFFICER AT YOUR LOCAL HOSPITAL, CLINIC, OR OTHER MEDICAL FACILITY.</li> <li>❑ MOST IMPORTANTLY, DEVELOP RELATIONSHIPS WITH OTHER AGENCIES, AND SHARE WHAT INFORMATION YOU HAVE. IF YOU ARE A POLICE OFFICER AND OBSERVE TRUCKS WITH RADIOACTIVE PLACARDS TRAVELING THROUGH YOUR COMMUNITY ON A REGULAR BASIS, SHARE THAT INFORMATION WITH THE FIRE AND EMS AGENCIES.</li> </ul>
4	<p>IN ADDITION TO THE SUGGESTION IN THE PREVIOUS SLIDE, THERE ARE OTHER SOURCES OF INFORMATION, INCLUDING:</p> <ul style="list-style-type: none"> <li>❑ COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT. YOU WILL BE PROVIDED WITH SPECIFIC CONTACT INFORMATION LATER IN THIS PROGRAM.</li> <li>❑ YOUR COUNTY’S LOCAL EMERGENCY PLANNING COMMITTEE – A FEDERALLY MANDATED ORGANIZATION THAT IS REQUIRED TO COLLECT INFORMATION ON CHEMICAL HAZARDS IN YOUR AREA.</li> <li>❑ NON-FIRE DEPARTMENT AGENCIES CAN CONTACT THEIR LOCAL FIRE DEPARTMENTS TO SEE WHAT INFORMATION THEY HAVE OBTAINED THROUGH ROUTINE FIRE INSPECTIONS OR PREPLANNING TOURS.</li> <li>❑ FINALLY, CONTACT THOSE OCCUPANCIES IN YOUR AREA THAT MAY USE RADIOLOGICAL MATERIALS. SOME CONTACTS INCLUDE HOSPITALS, VETERINARY CLINICS, ACADEMIC INSTITUTIONS, CONSTRUCTION COMPANIES, AND OIL WELL DRILLING COMPANIES.</li> </ul>

FOSTER ON LINE  
NARRATION SCRIPT

MODULE: 8

SLIDE	NARRATION
1	IN THIS MODULE WE WILL EXPLORE HOW YOU CAN FIND OUT ABOUT RADIOLOGICAL SOURCES THAT MAY BE LOCATED WITHIN YOUR JURISDICTION.
2	<p>PREPLANNING IS A COMMON ACTIVITY FOR THE FIRE SERVICES. MOST FIRE DEPARTMENTS ENGAGE IN ACTIVE PREPLANNING OF HAZARDS WITHIN THEIR COMMUNITY. THERE ARE FOUR ELEMENTS TO SUCCESSFUL PRE-EVENT PLANNING:</p> <ol style="list-style-type: none"><li>1. KNOW YOUR JURISDICTION. WHILE THIS SEEMS OBVIOUS, IT IS STILL IMPORTANT THAT YOU UNDERSTAND THE NATURE OF YOUR JURISDICTION AND THE TYPES OF BUSINESSES THAT ARE LOCATED THERE. THIS CAN BE DONE THROUGH A REVIEW OF THE BUSINESS LICENSES THAT HAVE BEEN ISSUED, AND BY THE TYPES OF OCCUPANCIES LOCATED THERE.</li><li>2. DEVELOP A WRITTEN PLAN FOR RESPONDING TO THE SPECIFIC HAZARDS THAT YOU FIND. THIS NOT ONLY INCLUDES RADIOLOGICAL, BUT OTHER HAZARDS, INCLUDING OTHER CHEMICALS, PROCESSES, AND BUILDING HAZARDS.</li><li>3. COORDINATE INFORMATION WITH OTHER AGENCIES. FIRE AND EMS SHOULD SHARE INFORMATION WITH THE POLICE AND PUBLIC HEALTH DEPARTMENT, AND THESE AGENCIES SHOULD RECIPROCATE.</li><li>4. PREPARING A LIST OF RESOURCES THAT MAY BE NEEDED, IN ADVANCE, WILL BE EXTREMELY USEFUL SHOULD SOMETHING OCCUR.</li></ol> <p>THE REMAINDER OF THIS MODULE WILL DEAL SPECIFICALLY WITH RADIOLOGICAL HAZARDS.</p>