



AT&T Network Disaster Recovery First Responder Process



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Slide 1



Bioterrorism Threats AT&T Response Capabilities

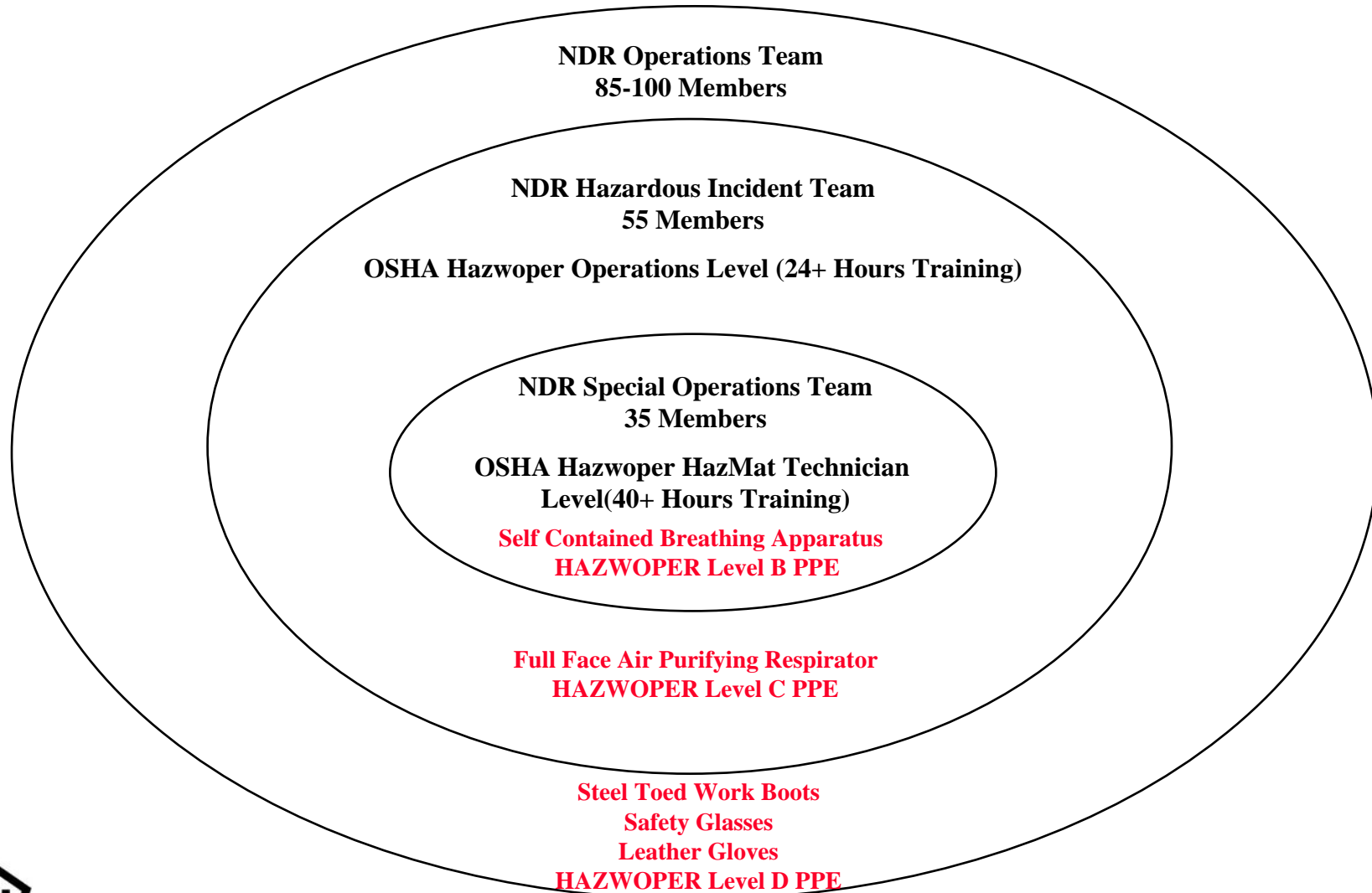


1. Network Disaster Recovery Trailers, People, and Software (1991). Equipment and personnel deployed outside defined hot zone. Network recovered via trailers spliced into network via fiber cables.
2. AT&T First Responder Team (2002). Subsets of existing Network Disaster Recovery Operations Team
 - A. Special Operations Team. Telecommunications equipment operating normally but building evacuated due to some hazardous agent. HazMat trained and HAZWOPER Level B equipped personnel on-site to monitor equipment and perform any required preventative or corrective maintenance in a building. NDR trailers not deployed.
 - B. Hazardous Incident Team. Partial or full NDR deployment is required due to damaged or destroyed infrastructure. An example would be the WTC recovery efforts. Major environmental impact and exposure - regardless of hazardous agent and/or cause.





Network Disaster Recovery Operations Team PPE Layers



Cold Zone



Warm Zone



Hot Zone



Decon Corridor

Wind Direction



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AT&T NDR Special Operations Team CBRN Response Components



AT&T CBRN Response Deployment Sample.

- Personnel
 - NDR Special Operations Team
 - Incident Command Staff
 - AT&T Medical or contracted EMT
- HazMat Response Trailer
- Compressor Trailer
- Command Center
- Emergency Communications Vehicle
- First Aid Trailer
- Site Security Trailer
- Bobcat Skid Steer Loader
- Portable Generators & HVAC (As Required)





AT&T First Responder Team Personal Protection Equipment



Respiratory Protection:

- Self Contained Breathing Apparatus Equipped with Emergency Breathing Support System and pig tails
- Air Carts with various hose lengths
- Full face, air purifying, respirator with various types of cartridges

Protective Suits:

- Tychem hooded coveralls
- Kappler CPF 3 hooded coveralls
- Kappler CPF 4 fully Level B encapsulated suits
- Kevlar coveralls
- No level A suits

Footwear:

- Disposable hazmat boots

Gloves:

- Sol-Vex nitrile gloves
- Silver Shield gloves
- N-DEX nitrile gloves
- Hy-flex gloves for dexterity





AT&T First Responder Team Personal Protection Equipment



Bullard Polar Cool Vest

- Provides 2 to 4 hours of cooling from the “charging” of the cool packs for 15 minutes in ice & water.
- This will help to reduce overheating of SPOPs team members while in Level B PPE.
- Currently investigating other cooling options.





NDR Special Operations Team Hazardous Material Technician Training



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Slide 8



NDR Special Operations Team Testing @ Integrated Test Network





Team Training in CO Environment



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Slide 10



Joint Exercise with Bell South SABER Team 5/04



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