

## HAZARD ANALYSIS

### Network Failures

- Customer Isolation from Other Central Offices or to the 911 tandem
- CO Isolation from Other CO's or the 911 Tandem
- 911 Tandem Failure
- 911 Tandem to PSAP failure
- PSAP Host Central Office failure
- ALI Delivery Failure
- 7-digit Contingency Back Up Phone Service
- Cellular 911 Translations

### PSAP Equipment Type Failures

- Router Failure – Selective Routing Failure
- 911 Answering Equipment Failure (Telephony or P-Phone)
- PSAP Network Failures

### Physical Plant

- External Power Feed Failure
- UPS/Generator Systems? Required? If so what are the Requirements?
- Heating/Ventilation/AC Failures due to external or internal factors
- Water Intrusion
  - (Pipe Breakage inside center?)
  - Water Tanks in building or on top of building?
  - Flooding
- Environmental hazards
  - Battery Off Gassing,
  - Air Quality Issues
  - Natural Gas
- Smoke/Fire
- Building Integrity
- Lightning Strike – Communications Towers, Surge arrestors in your telephone equipment
- Center Security – No one in that doesn't need to be in, (boyfriends/girlfriends "known" to staff – Domestic issues)

### Other Issues

- Radio Systems Failures – Network, wireline, etc
- Radio Console Failures
- CAD system
- Interface Failures AVL, ALI, etc.
- Staffing Crisis.