The Concept of Operations (ConOps) document has been fully received. I will now use it to provide the first step of the STPA analysis, which includes identifying the Losses, System-level Hazards, and System-level Constraints.

## Losses

1. **L-1**: Loss of life or injury to people
2. **L-2**: Loss of or damage to property
3. **L-3**: Environmental damage due to fire hazards
4. **L-4**: Non-compliance with fire safety regulations
5. **L-5**: Financial loss due to legal penalties or increased insurance premiums
6. **L-6**: Damage to corporate reputation
7. **L-7**: Disruption of business operations during false alarms or actual fire events

## System-level Hazards

1. **H-1**: Fire alarm system fails to detect fire conditions [L-1, L-2, L-3, L-4, L-5, L-6]
2. **H-2**: Fire alarm system fails to alert building occupants timely [L-1, L-2, L-3, L-5, L-6, L-7]
3. **H-3**: Fire alarm system fails to notify emergency services [L-1, L-2, L-3, L-5, L-6]
4. **H-4**: Fire alarm system triggers false alarms [L-5, L-6, L-7]
5. **H-5**: Fire alarm system fails to disable elevators during a fire emergency [L-1, L-2, L-3]
6. **H-6**: Incompatibility of fire alarm system with other building safety systems [L-1, L-2, L-4, L-5, L-6]

## System-level Constraints

1. **SC-1**: Fire alarm system must reliably detect fire conditions [H-1]
2. **SC-2**: Fire alarm system must provide timely alerts to building occupants [H-2]
3. **SC-3**: Fire alarm system must notify emergency services automatically and promptly [H-3]
4. **SC-4**: Fire alarm system must minimize false alarms [H-4]
5. **SC-5**: Fire alarm system must automatically disable elevators during fire emergencies [H-5]
6. **SC-6**: Fire alarm system must be compatible with other building safety systems (e.g., HVAC, lighting, access control) [H-6]
7. **SC-7**: If fire alarm system detects any failure, it must alert maintenance personnel and provide diagnostic data for quick resolution [H-1, H-2, H-3, H-4, H-5, H-6]

This concludes the first step of the STPA analysis for the fire alarm system based on the provided ConOps. If you have any further questions or need additional information, feel free to ask.