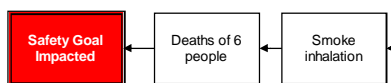


High Rise Fire Chicago, IL October 17, 2003

Step 1. Outline the Problem

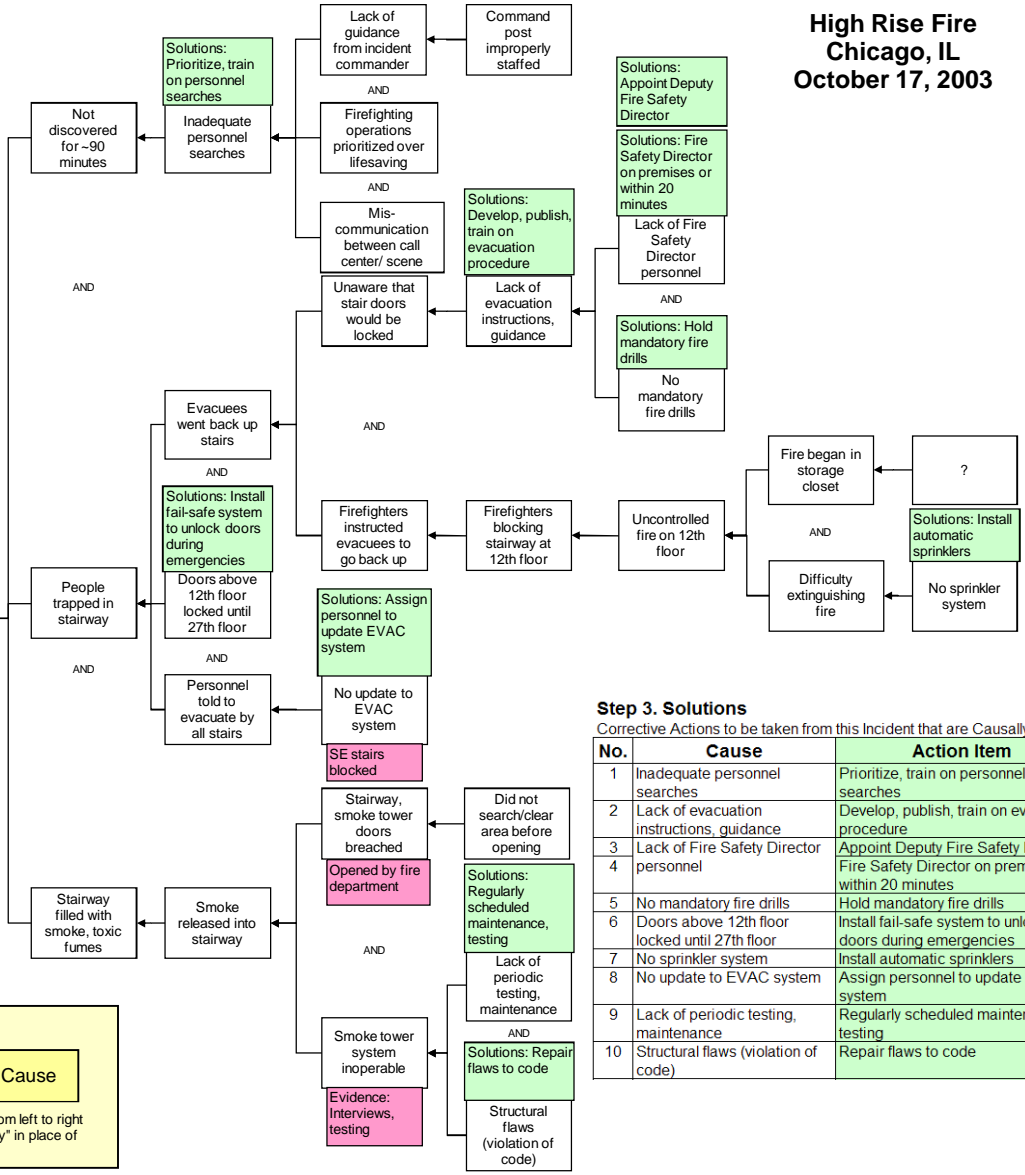
What	Problem(s)	Fire, people trapped in stairway
When	Date	October 17, 2003
	Time	5:00 p.m.
	Differences	Stairway doors locked automatically
Where	Physical Location	12th floor, Cook County Administration Building, Chicago, IL
Impact to the Goals		
	Safety	Deaths of 6 people

Step 2. Cause Map



TIMELINE

4:00 p.m.	Fire Safety Director leaves building
5:00 p.m.	Fire alarm signal at fire alarm control panel
5:02 p.m.	Front desk security officer calls 9-1-1
5:03 p.m.	Emergency Voice/Alarm Communications (EVAC) system activated
5:06 p.m.	Chicago Fire Department (CFD) units arrive on scene
5:15 p.m.	9-1-1 call saying people trapped in the building
5:16 p.m.	Initial fire attack from SE stairway
5:18 p.m.	Several calls to 9-1-1 reporting people trapped in stairway
5:19 p.m.	Dispatch advises CFD that there are people trapped on the 21st floor
5:21 p.m.	Call leads dispatch to believe people trapped on 27th floor
5:22 p.m.	Dispatch advises CFD that people are strapped in the NW stairway
5:25 p.m.	Trapped person in stairs stops responding to 9-1-1 operator
5:40 p.m.	Fire Safety Director returns to building
5:52 p.m.	Interior attack team withdrawn, exterior fire attack initiated
6:06 p.m.	Exterior fire attack concluded
~6:30 p.m.	Persons trapped in stairway found



Step 3. Solutions

Corrective Actions to be taken from this Incident that are Causally Related

No.	Cause	Action Item
1	Inadequate personnel searches	Prioritize, train on personnel searches
2	Lack of evacuation instructions, guidance	Develop, publish, train on evacuation procedure
3	Lack of Fire Safety Director personnel	Appoint Deputy Fire Safety Director
4	Lack of Fire Safety Director on premises or within 20 minutes	Fire Safety Director on premises or within 20 minutes
5	No mandatory fire drills	Hold mandatory fire drills
6	Doors above 12th floor locked until 27th floor	Install fail-safe system to unlock doors during emergencies
7	No sprinkler system	Install automatic sprinklers
8	No update to EVAC system	Assign personnel to update EVAC system
9	Lack of periodic testing, maintenance	Regularly scheduled maintenance, testing
10	Structural flaws (violation of code)	Repair flaws to code



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