

Ameren Illinois (AIC)

Timeline for Canton Incident : NTSB # DCA17FP003

Rev: 11-30-2016

Date	Time	Event / Activity
11/09/2016	8:18 PM	Contractor (Sure Shot Communications) calls JULIE to obtain a Dig Ticket for 61 E Side Square in Canton for Fiber Optic Cable Installation. (JULIE Dig Ticket # A003143162-00A)
11/16/2016	3:58 PM	Contractor (Sure Shot Communications) notifies JULIE of damaged service, stating hit a marked gas line at 61 E Side Square underneath the sidewalk. (JULIE Dig Ticket # X003212429-00X)
11/16/2016	4:06 PM	AIC receives call ( OAS #163215237) from Contractor (Sure Shot Communications) to report a hit service at 61 E Side Square in Canton
11/16/2016	4:10 PM	Order Dispatched to AIC Gas Field Personnel (Jorden Stanley) (per OAS Order 163215237)
11/16/2016	4:13 PM	AIC Gas Field Personnel (Jorden Stanley) arrives at site (per OAS Order 163215237)
11/16/2016	4:22 PM	AIC Gas Field Personnel (Tom Jackson) contacts Dispatch to ask if the hit service order at 61 E Side Square in Canton has been dispatched
11/16/2016	4:29 PM	1 Additional AIC Gas Field Personnel (Tom Jackson) arrives at site (per Zonar data)
11/16/2016	Shortly After 4:29	2 Additional AIC Gas Field (Randy Pherigo and Art Silva) arrive at site.
11/16/2016	4:40 PM	AIC Gas Field Personnel (Jordan Stanley) calls AIC Canton Gas Supervisor (Keith Hinrichs) to inform of a hit line and that he may need to break some concrete (bust out sidewalk)
11/16/2016	4:41 PM	AIC Canton Backhoe arrives on site
11/16/2016	4:48 PM	AIC Gas Field Personnel (Jorden Stanley) calls JULIE for an Emergency repair / hit gas line ticket (JULIE DIG # X003212486-00X)
11/16/2016	4:48 PM	AIC Customer Contact Center receives outside gas odor complaint from customer at 130 N Main St, Canton, IL
11/16/2016	4:53 PM	AIC Customer Contact Center receives inside gas odor complaint from 45 E Side Square Canton, IL
11/16/2016	5:37 PM	AIC Gas Field Personnel (Jorden Stanley) calls AIC Canton Gas Supervisor (Keith Hinrichs) to inform that Gas to hit service is squeezed off.
11/16/2016	5:43 PM	AIC Canton Electric Supervisor (Mark Cornell) was 1-1/2 blocks away and felt and heard explosion. Went outside, saw smoke, grabbed PPE and ran to site.
11/16/2016	5:43 PM	AIC Gas QA Consultant (Chris Juliusson) was at home in Canton and heard explosion.
11/16/2016	5:43 PM – 5:44 PM	Explosion Occurs at 50 N. 1 <sup>st</sup> Avenue, Canton, IL
11/16/2016	5:44 PM	AIC Canton Electric Supervisor (Mark Cornell) contacts AIC Gas Superintendent (Tony Sassen) to report an explosion.
11/16/2016	5:47 PM	AIC Canton Electric Supervisor (Mark Cornell) contacts AIC Dispatch to request a call out of Canton Electric Personnel.

11/16/2016	5:48 PM	AIC Canton Electric Supervisor (Mark Cornell) contacts AIC Gas Superintendent (Tony Sassen) to inform him that Ameren employees are involved in the explosion.
11/16/2016	5:48 PM	AIC Gas Superintendent (Tony Sassen) contacts AIC Gas Compliance (John Bozarth) indicating an explosion has occurred.
11/16/2016	5:50 PM	AIC Gas QA Consultant (Chris Juliusson) receives phone call from Martin Bell who was at the scene of the explosion, stating that AIC Gas Field Personnel (Tom Jackson) and others were hurt. (Tom Jackson requested that Martin Bell contact Chris Juliusson and have him come to scene).
11/16/2016	5:53 PM	AIC Canton Electric Supervisor (Mark Cornell) contacts AIC Gas Superintendent (Tony Sassen) to inform him that Ameren employees are injured.
11/16/2016	5:53 PM	AIC Gas Superintendent (Tony Sassen) contacts AIC Division Director (Chad Cloninger)
11/16/2016	5:57 PM	AIC receives call (OAS # 163216051) from City of Canton to inform that there has been an explosion, requests gas to the area to be shut off.
11/16/2016	5:59 PM	AIC Gas Superintendent (Tony Sassen) contacts AIC Canton Gas Supervisor (Keith Hinrichs)
11/16/2016	6:00 PM	AIC Gas Superintendent (Tony Sassen) contacts AIC Canton Gas Field Personnel (Steve Nuttall), whom was on vacation on 11/16/2016.
11/16/2016	6:00 PM	AIC Gas QA Consultant (Chris Juliusson) who lives in Canton and heard explosion arrives on site. AIC Gas Field Personnel (Jorden Stanley) informed him that damaged service was pinched off.
11/16/2016	6:03 PM	AIC Galesburg Gas Supervisor (Fred McMaster) contacts AIC Gas Dispatch to inquire if Dispatch is aware of a Gas Explosion in Canton. He has heard activity on the EMS scanner.
11/16/2016	6:05 PM	AIC Electric Crews cut electric power to E. Side Square
11/16/2016	6:05 PM	AIC Gas Field Personnel (Steve Nuttall and Wes Shafer) arrive on site along with local HVAC man (Kevin Latimer).
11/16/2016	6:10 PM	AIC Community Relations Coordinator (Carl Fisher) contacts AIC Customer Contact Center after receiving call from Fulton County ESDA director to inquire if AIC has employees responding to an explosion.
11/16/2016	6:13 PM	AIC Gas Dispatch Operations Supervisor contacts AIC Supervisor Gas Distribution Control, who is unable to reach AIC Gas Personnel on site.
11/16/2016	6:21 PM	AIC Gas Compliance (John Bozarth) notifies ICC Pipeline Safety (Bill Riley) of incident.
11/16/2016	6:26 PM	AIC Gas Compliance (John Bozarth) notifies NRC / PHMSA, NRC Report # 1164320
11/16/2016	6:35 PM	AIC Gas Field Personnel (Steve Nuttall and Wes Shaffer) Shut off two 2" poly valves to isolate the gas main to E. Side of Square
11/16/2016	6:36 PM	AIC Galesburg Gas Supervisor (Fred McMaster) who lives approximately 8 miles north of Canton, contacts AIC Gas QA Consultant (Chris Juliusson) via email to see if help is needed.
11/16/2016	6:40 PM	AIC Gas Field Personnel cut and capped the exposed end of the hit gas service that was previously squeezed and also verified that the segment of main which was valved off was dead. An end cap was installed on this 1" plastic service feeding 50 N 1 <sup>st</sup> Ave

11/16/2016	6:42 PM	AIC Gas QA Consultant (Chris Juliusson) replies to AIC Galesburg Gas Supervisor (Fred McMaster) indicating that his help is needed.
11/16/2016	6:42 PM – 7:00 PM	AIC Gas Field Personnel discuss shutting off the meter valves around the impacted area if safe and discuss shutting off more system valves to isolate the entire square. AIC Macomb Gas Supervisor on Duty (Ben Joiner) arrives on site.
11/16/2016	6:45 PM	AIC Gas Field Personnel (Wes Shaffer) checking manholes with CGI in the 0-100 block of N 1 <sup>st</sup> Ave. No indications of gas are noted.
11/16/2016	6:47 PM	AIC Gas Dispatch contacts Wes Shaffer regarding other gas leak orders related to explosion.
11/16/2016	6:48 PM	AIC Canton Electric Supervisor (Mark Cornell) contacts AIC Gas Superintendent (Tony Sassen) to inform him that an AIC Gas Field Personnel (Arturo Silva) did not survive.
11/16/2016	6:50 PM	AIC Customer Contact Center receives call from Graham Hospital nurse in Canton in effort to get an injured AIC Gas employee identified.
11/16/2016	6:57 PM	AIC Gas Dispatch receives call from AIC Customer Contact Center inquiring on how to handle phone call from Graham Hospital nurse.
11/16/2016	7:00 PM	AIC Galesburg Gas Supervisor (Fred McMaster), who lives approximately 7 miles north of Canton, arrives on site and begins working with AIC Gas Field Personnel to isolate gas to the entire Canton Square. AIC Gas Personnel meet at Canton Police Station to assess situation.
11/16/2016	7:04 PM	AIC Supervisor Gas Dispatch receives call from nurse at Graham Hospital inquiring about AIC representative coming to the hospital to identify an AIC Gas employee.
11/16/2016	7:05 PM	AIC Macomb Gas Supervisor on Duty (Ben Joiner) and AIC Gas QA Consultant (Chris Juliusson) go to the Canton Graham Hospital to identify a deceased AIC Gas Field Personnel (Art Silva)
11/16/2016	7:24 PM	AIC Canton Electric Supervisor (Mark Cornell) contacts AIC Macomb Gas Duty Supervisor (Ben Joiner).
11/16/2016	7:40 PM	AIC Galesburg Gas Supervisor (Fred McMaster) directed AIC Gas Field Personnel to begin shutting off meters that were safe to get to.
11/16/2016	7:49 PM	AIC Gas QA Consultant (Chris Juliusson) contacts Gas Dispatch to get contact info for Gas Control, and then contacts Gas Control who reported that there were no alarms in the area.
11/16/2016	7:55 PM	AIC Gas Field Personnel (Steve Nuttall and John Stewart (from Petersburg)) looking at system mapping to identify valves for additional system isolation.
11/16/2016	8:15 PM	City of Canton briefing at Police Station
11/16/2016	8:30 PM	AIC Sr. Director Operations (Craig Gilson) requests AIC Galesburg Gas Supervisor (Fred McMaster) to be in charge of ground operations.
11/16/2016	9:00 PM	AIC Galesburg Gas Supervisor (Fred McMaster) conducts job briefing with AIC Gas Field Personnel along with AIC Macomb Gas Supervisor (Randy Carmack) and AIC Gas QA Consultant (Chris Juliusson). Verified mapping to isolate and identify valves to isolate entire square and discussed getting maps for Leak Surveying.
11/16/2016	9:00 PM	AIC Gas Superintendent (Tony Sassen) arrives on site.
11/16/2016	9:15 PM	AIC Personnel meet at Canton Graham Hospital for Media Briefing
11/16/2016	9:16 PM	AIC Gas Compliance (John Bozarth) arrives on site.

11/16/2016	9:30 PM	AIC Gas Field Personnel squeezed a gas main at N. 2 <sup>nd</sup> Avenue to isolate a feed. This squeezed pipe was later cut and capped at 11/17/2016 2:00 AM.
11/16/2016	10:00 PM	Shut down isolation zones were assigned to AIC Gas Field Personnel who began shutting off individual gas service meter valves and performing a leak survey with Flame Ionization (FI) equipment.
11/16/2016	11:27 PM	Shut down isolation zones, shutting off individual gas service meter valves and performing leak survey was completed and additional manhole sewer checks were performed.
11/17/2016	2:35 PM	AIC Gas Field Personnel opened a valve at Elm St and Avenue A to reestablish gas to the West side of the square.
11/17/2016	2:54 PM	The purge (air to gas) for the section on the West side of the square was complete.
11/17/2016	2:54 PM	AIC Gas Field Personnel were assigned zones and started leak surveying the West side of the square.
11/17/2016	4:45 PM	AIC Gas Field Personnel completed leak survey of the West side of the square with no leaks reported.
11/17/2016	4:45 PM	A Southeast section was reestablished, purged, and leak surveyed.
11/17/2016	5:00 PM	AIC Gas Field Personnel began reestablishing service to customers in the West side of the square.
11/18/2016	12:42 PM	The East section of the square (not including the incident block of N 1 <sup>st</sup> Avenue) began purge of air to gas.
11/18/2016	12:55 PM	The purge was completed to the East section of the square (not including the incident block of N 1 <sup>st</sup> Avenue).
11/18/2016	1:21 PM	Leak survey of the East section of the square (not including the incident block of N 1 <sup>st</sup> Avenue) was started.
11/18/2016	3:48 PM	Leak survey of the East section of the square (not including the incident block of N 1 <sup>st</sup> Avenue) was completed.
11/19/2016	3:00 PM	The section of main on N 1 <sup>st</sup> Avenue was reestablished and purged of air to gas.
11/19/2016	3:18 PM	Leak survey of the section of main on N 1 <sup>st</sup> Avenue was started.
11/19/2016	3:52 PM	Leak survey of the section of main on N 1 <sup>st</sup> Avenue was completed.