At approximately 12:00 p.m. on July 30, 2009, a fire started by a welder quickly spread throughout the El Dorado Chemical Plant in Bryan, Texas. The El Dorado Chemical Company was a manufacturer of agricultural products and industrial chemicals including concentrated nitric acid, sulfuric acid, and industrial ammonium nitrate, causing an immediate threat to the surrounding area. As a result, the Brazos County Fire Department and the City of Bryan Fire Department responded to the incident, along with the City of College Station Hazardous Materials Team.

After establishing an initial safety perimeter and determining the size and scope of the incident, the local Incident Commander requested the assistance of select additional state resources. The Incident Commander contacted the local Disaster District Chairperson and requested assistance from TX-TF1 in the form of hazardous materials monitoring equipment and support personnel. As a result, on the afternoon of July 30, TX-TF1 deployed a Team Leader and 1 Liaison Officer.

Once on the scene, TX-TF1 personnel assisted the local Incident Commander with hazardous materials detection and monitoring operations. Eight TX-TF1 personnel were also on standby at the TX-TF1 headquarters with hazardous materials monitoring equipment in the event they were requested by the incident commander.

Following the incident, 10 people were hospitalized due to exposure to smoke from the fire.

On the evening of July 30, city officials released the TX-TF1 personnel and they returned to their headquarters.