



LOUDOUN COUNTY, VIRGINIA
Department of Fire, Rescue and Emergency Management

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Phone 703-777-0333 Fax 703-771-5359



Memorandum

To: Sophia Fisher, Project Manager
From: Maria Figueroa Taylor, Fire-Rescue Planner
Date: January 11, 2010
Subject: Arcola Substation
SPEX 2008-0032, SPMI 2009-0010 & CMPT 2009-0011

Thank you for the opportunity to review the above captioned application. The Fire and Rescue Planning Staff, in agreement with the Fire Marshal's Office, has no objection to the application as presented. Staff appreciates the applicant commitment to fire safety and their offer to establish the automatic fire-containment relays and the protocol as a condition of approval. It would be helpful to receive the final version of the protocol in writing prior to the facility addition being operational so it could be disseminated to first responders.

The Fire-Rescue GIS and Mapping coordinator offered the following information regarding estimated response times:

Project name	Arcola VFRC, Station 9 Travel Time
Arcola Substation	11 minutes, 27 seconds

The Travel Times for each project were calculated using ArcGIS and Network Analyst extension to calculate the travel time in minutes. To get the total response time another two minutes were added to account for dispatching and turnout. This assumes that the station is staffed at the time of the call. If the station is unoccupied another one to three minutes should be added.

Project name	Arcola VFRC, Station 9 Response Times
Arcola Substation	13 minutes, 27 seconds

If you have any questions or need additional information, please contact me at 703-777-0333.

c: Project file

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