Q. What is the basis for stating that the fire event was caused by the failure of a pressure relief line in the fuel system within the engine module (p. 6, line 4)?

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A.

A visual inspection of the enclosure was completed when the fire was extinguished on March 1, 2015. A fitting in the pressure relief line was found to be partially cracked. This crack would have allowed pressurized diesel to spray onto hot surfaces within the engine module while the unit was running, thereby igniting the diesel. Please see the photo below of the pressure relief line after system isolation showing the location of the leak associated with the cracked fitting.

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