



**SUNOCO PIPELINE**  
An ENERGY TRANSFER Partnership

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1300 Main Street  
Houston, TX 77002

PVV

March 6, 2019

**By Electronic Mail**

Robert Burrough, Director  
Eastern Region  
Pipeline and Hazardous Materials Safety Administration  
U.S. Department of Transportation  
840 Bear Tavern Road, Suite 300  
West Trenton, New Jersey 08628

Re: Sunoco Pipeline, L.P. Mariner East I Pipeline  
Notice of Probable Violation and Proposed Compliance Order  
CPF 1-2019-5002

Dear Mr. Burrough:

Pursuant to 49 C.F.R. Part 190.208, Sunoco Pipeline L.P. (SPLP or Company) submits this written response to a Notice of Probable Violation (NOPV) and Proposed Compliance Order (PCO) issued on February 4, 2019, by the Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA's NOPV alleges two (2) violations and includes a PCO proposing two (2) remedial requirements to address the alleged violations. While SPLP neither admits nor denies the allegations, the Company is not contesting the NOPV or PCO. SPLP provides this written response to (1) explain the Company's efforts taken since the inspection to address the Agency's concerns which satisfy the PCO; and (2) request that a Final Order issued in this matter reflect SPLP's completion of the PCO and that this matter is closed.

By way of background, this enforcement action was issued following an inspection of SPLP's Mariner East 1 (ME1) pipeline system in Honeybrook, Pennsylvania, on March 19-March 23, 2018. The two allegations in the NOPV concern cathodic protection requirements set forth in 49 C.F.R. Parts 195.571 and 195.589. In particular, PHMSA alleges that SPLP failed to consider or explain how voltage drops other than those across the structure-to-electrolyte boundary (IR drop) were considered when applying the NACE SP 1069 – 2007 edition (SP 0169) Section 6.2.2.1.1 -850mV criterion during SPLP's annual cathodic protection testing. PHMSA further alleges that SPLP failed to provide records that demonstrate how the cathodic protection measures for the ME1 pipeline complied with the applicable NACE SP 0169-2007 edition (SP 0169) criteria at certain test stations.

To address the alleged violations, PHMSA proposes to issue SPLP a PCO that would require the Company to: (1) complete a cathodic protection (CP) survey of its ME1 pipeline utilizing rectifier interruption, or other acceptable methods, to establish a measured voltage drop (other than those across the structure-to-electrolyte boundary) for all test points (PCO Item 1); (2) maintain adequate records to demonstrate that the test stations listed in NOPV Item 2 satisfy one or more of the criteria listed in SP 0169 (PCO Item 2.a.); and (3) develop a written plan to remediate all deficiencies identified in the CP survey, prioritizing any specific test stations identified in NOPV Item 2 that fail to meet criteria (PCO Item 2.b.), with both the plan and records to be provided to PHMSA within 60 days of completion of the survey.

Following the March 2018 inspection that led to the above referenced NOPV and PCO, SPLP updated its procedures in April 2018, as part of the merger and subsequent integration of SPLP into the Energy Transfer Partners family of partnerships. SPLP has been implementing the updated procedures since that time, and as a result and prior to receipt of the NOPV and PCO, SPLP already initiated the very actions required by the PCO as well as others. Specifically, the Company has:

1. In accordance with PCO Item 1 and the attached updated SOP No. HLD.15 (copy attached), performed the following close interval surveys of ME1 pipeline:
  - a. CIS – Interrupted current survey - 4/22/18 to 8/12/18
  - b. CIS – Depolarized “off” survey - 9/12/18 to 10/10/18
2. In accordance with PCO Item 2.a., maintained adequate records to demonstrate that seven (7) of the nine (9) test stations (below) listed in NOPV Item 2 satisfy the 100mV polarization criteria listed in NACE SP 0169 (Records attached).

Pipeline ID 12124

- 201+87 RM 5, James Rd
- 3058+17 Hempt Valve Outlet Riser
- 3058+42 Hempt Valve Inlet Riser
- 3060+55 Hempt Rd (9)
- 3866+53 Grahman’s Woods Rd RM 32 (CTS)
- 4078+20 Owl Rd (37a)
- 4128+00 Gypsy Rd (37b)

Subsequent to additional CP system installations, planned for 2019, the other two (2) test stations (below) listed in NOPV Item 2 will be re-surveyed and documented to satisfy the same 100mV polarization criteria in NACE SP 0169.

Pipeline ID 11190

- 2366+30 RM 96 Twin Valley Rd
- 2459+00 RM 100 Private Lane

3. In accordance with PCO Item 2.b., prepared a written plan to remediate all deficiencies in CP identified in the above surveys of ME1, that includes prioritizing any specific test stations identified in NOPV Item 2 that fail to meet criteria. The remedial measures that SPLP has planned to address the deficiencies identified in the surveys is outlined in the attached listing of “Proposed ME1 CP Systems”. The installation of these new/upgraded CP systems is underway by SPLP, with six (6) new systems having already been installed (reflected in green highlighting). The remaining CP systems on the list are planned for installation by the end of 2019 (subject to environmental permitting and ROW acquisition). The two (2) items reflected in yellow highlighting are the prioritized locations identified above on Line ID 11190 that did not meet the 100mV polarization criteria during the most recent survey. Note that one (1) of these prioritized systems was recently energized on February 28, 2019.

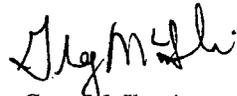
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Further, as part of its overall effort to implement its updated corrosion procedures, SPLP is applying the cathodic protection criteria set forth in updated SOP HLD.22 (copy attached). Records demonstrating completion of the items above can be made available to PHMSA upon request.

In light of the above efforts, SPLP believes that the PCO provisions have already been satisfied and this matter can be closed upon receipt of a Final Order Further, SPLP believes that through these efforts and others, the Company has demonstrated both compliance with the Part 195 corrosion control regulations, including those raised in NOPV Items 1 and 2, as well as the sufficiency of its corrosion control program.

SPLP shares PHMSA's commitment to pipeline safety, public safety, and pipeline integrity. As set forth above, and without admitting to the alleged violations, SPLP has performed the items requested by PHMSA in the PCO.

Sincerely,



Greg McIlwain  
Senior VP of Operations  
Energy Transfer Partners

cc: Todd Stamm, VP – Pipeline Operations  
Mark Milliken, Sr. Director – Technical Services  
Danny Nichols, Sr. Director Regulatory Compliance  
Todd Nardozi, Sr. Manager DOT Compliance  
Curtis Stambaugh, Esq., Assistant General Counsel, ETP  
Catherine Little, Esq., Troutman Sanders, LLP  
Thomas Sniscak, Esq., Hawke McKeon & Sniscak, LLP

**Attachments:**

1. Energy Transfer Standard Operating Procedures, Close Interval Surveys, Procedure No. HLD.15 (effective date April 1, 2018)
2. Pages from 2018 CIPS for selected locations along Pipeline ID 12124
3. Energy Transfer Standard Operating Procedures, Application of Cathodic Protection Criteria, Procedure No. HLD.22 (effective date April 1, 2018)
4. SPLP Proposed ME1 CP Systems: Proposed CP Systems for ME1 to Mitigate LPA's Identified During 2018 CIPS - March 5, 2019