South Dakota Public Utilities Commission
SCS Carbon Transport LLC
Docket HP22-001
Updated Revised Response to Staff's First Data
Request   **March 15, 2022**
                                                                   Page 22 of 32

1.20

Data Request:

1-20   Referring to section 2.3 of the Application, will the pipeline have a leak detection system? If so, please provide a description of the leak detection system to be used and the accuracy of such system.

Response:

SCS is planning to use a computational leak detection system that incorporates real time data measured on the pipeline, including line balance, pressure wave detection, system hydraulics response coupled with statistical modeling of system operations. The system supports compliance with API 1130, API 1175, API 1155, and API 1149. Attached to this updated response is a document titled "*Control Center Management and Leak Detection Overview*", which provides additional information on the strategy SCS will employ for pipeline leak detection and the general control center responses for alarms and emergency conditions.

Change made to preparer of response.

Response prepared by: Erik Schovanec, SCS