

From: [REDACTED]
Sent: Saturday, September 2, 2023 11:21 AM
To: PUC-PUC <PUC@state.sd.us>
Subject: Fw: [EXT] PUC Docket # HP22-001 SCS carbon CO2 pipeline- public comments

Pertaining to Docket #HP22-001 SCS CO2 Pipeline: Public Comments

Dear Commissioners:

I am Very Opposed to the CO2 pipeline.

The High Pressures of CO2 injection into North Dakota rock layers may cause a Fault to slip in North Dakota, causing Earthquakes to occur and- Spread into South Dakota.

North Dakota has 2 Fault Zones, - The Thompson Boundary Fault and the Tabernor Fault/Fold Zone.

The CO2 Fluids-Gas being injected may find their way into preexisting Faults- increasing the pressures within and along the fault lines counteracting the frictional forces on faults- this makes Earthquakes more likely to occur on them, making it more likely that those rocks would slip past one another (shear stress) causing an Earthquake.

North Dakota has had Earthquakes before - The Huff Earthquake in 1968 - It shook Bismarck ND.

If an Earthquake were to occur in North Dakota caused by the pressure injection of CO2 the shocks may cause damage to Buildings and Homes in South Dakota, If people do not have Earthquake insurance on their homes in South Dakota, there would be very Extensive financial loss to their homes if they do not have Earthquake Insurance.

There are many instances of fluid injection causing Earthquakes, In Oklahoma for example, many Earthquakes are caused by injecting Disposal Wastewater into rock layers at depth and has been responsible for damage to structures and homes in Oklahoma.

Please do not approve - There are too many unknown Risks associated with the project.

Thank You.

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