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From: Ruby Holborn [REDACTED]
Sent: Tuesday, February 11, 2025 12:25 PM
To: PUC-PUC <PUC@state.sd.us>
Subject: [EXT] SD PUC Docket HP24-001

SD PUC
Docket HP24-001

Controlled carbon dioxide (CO2) is often used in slaughtering plants to stun or directly kill animals. Excessive amounts of CO2 can cause human asphyxiation in about ONE MINUTE.

At the Watertown, SD PUC Public Input Meeting on this Application, a pipeline expert testified at some point all pipelines fail.

I believe when transporting CO2 via a pipeline a leak or rupture is extremely dangerous. CO2 is odorless, colorless, does not dissipate quickly, is heavier than air & is an asphyxiant. Also in the pipe, it's interaction with impurities such as water & hydrogen sulfide can compromise the pipe integrity to increase the risk of corrosion & failure.

When a CO2 pipeline leaks or ruptures, CO2 will displace oxygen & travel to low lying areas such as basements & valleys. Animals are often located in the low lying areas to drink water or avoid harsh weather.

In an emergency situation WITHOUT oxygen:

Your vehicle will not operate.

You may not be able to hold your breath long enough.

You most likely will not have a breathing apparatus with you.

You may not be able to go up or down a flight of stairs fast enough.

You cannot run fast enough or far enough to safely escape the Danger Zone.

You will not know if the wind will dissipate the CO2 fast enough or far enough away.

You most likely will not know where the Safe Zone is.

The Safe Zone has yet to be established, most certainly not using a computer modeling program.

Our rural communities heavily rely on volunteer emergency responders. I do not believe citizens will volunteer for this job.

I do not believe volunteer or salaried emergency responders will risk their lives to assist you fast enough or save your life.

Should our SD DOT site warning signs along the pipeline route to notify travelers that they are traveling in a CO2 pipeline high risk/danger zone?

Many of us may choose to travel a different route.

What will this do to our SD tourism?

What estimated percent of CO2 will be removed from the ethonal plants?

With your approval, this pipeline would deliberately endanger a countless number of your fellow citizens. Nov. 2024 the people of SD already have voted. They do not want this.

I pray you DENY this permit application.

Thank You.

Ruby Wadsworth Holborn

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