

**To:** Stegmann, Karenanne R. [redacted]; Honeck, Michelle M. [redacted];  
Pearson, Meridith [redacted];  
**Cc:** Treadwell, Ashley N. [redacted]; King, Ashley C. [redacted]; Fizer,  
Kevin [redacted]; Gardner, Colby [redacted];  
**Sent:** Sat 2/4/2023 9:36:08 AM (UTC-05:00)  
**Subject:** Notification of cars involved in NS derailment last night near East Palestine, OH

Good morning Karenanne, Meridith and Michelle,

I wanted to reach out personally and let you know of some early information we have on an NS derailment that occurred around 8pm last night near East Palestine, Ohio. Some of Oxy's cars were on the train and I know that all hazmat notification processes have already kicked off with NS and Chemtrec using the emergency number listed on the waybills. But, we still wanted to reach out and let you know about it in case you were not otherwise aware. We'd rather overcommunicate in this situation.

There were about 52 cars involved, and these are five on the list that Oxy as the shipper.

Emergency responders have been on site and NS crews are working around the clock to

LINE #	CAR ID	LOAD/MTY	CAR TYPE	COMMODITY	TANK CAR SPEC
28	TILX 402025	LOADED	TANK CAR	VINYL CHLORIDE, STABILIZED	DOT 105J300W
29	OCPX 80235	LOADED	TANK CAR	VINYL CHLORIDE, STABILIZED	DOT 105J300W
30	OCPX 80179	LOADED	TANK CAR	VINYL CHLORIDE, STABILIZED	DOT 105J300W
31	GATX 95098	LOADED	TANK CAR	VINYL CHLORIDE, STABILIZED	DOT 105J300W
55	OCPX 80370	LOADED	TANK CAR	VINYL CHLORIDE, STABILIZED	DOT 105J300W

**Meghan Achimasi**  
Group Vice President, Chemicals  
[redacted]

**NORFOLK SOUTHERN**  
650 West Peachtree St. NW  
Atlanta, GA 30308  
[www.norfolksouthern.com](http://www.norfolksouthern.com)

From: [Stegmann, Karenanne R.](#)  
To: [Achimasi, Meghan](#)  
Subject: [EXTERNAL] RE: Notification of cars involved in NS derailment last night near East Palestine, OH  
Date: Saturday, February 4, 2023 8:32:35 AM

Meghan,

Appreciate the notification and was able to update key stakeholders internally after receiving your email. I agree with you regarding the importance of communications and don't think we can over communicate in these type of situations

Thanks for the email and information,  
Karenanne

From: Achimasi, Meghan <>  
Sent: Saturday, February 4, 2023 8:41 AM  
To: Stegmann, Karenanne R. <>; Honeck, Michelle M. <>; Pearson, Meridith <>  
Cc: Treadwell, Ashley N. <>; King, Ashley C. <>; Fizer, Kevin <>; Gardner, Colby <>; Patten, David M. <>  
Subject: [EXTERNAL] Notification of cars involved in NS derailment last night near East Palestine, OH

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29	OCPX 80235	LOADED	TANK CAR	VINYL CHLORIDE, STABILIZED	DOT 105J300W	UN1086	2.1 (FLAMMABLE GAS)	OXY VINYL MILLER, LA PORTE, TX	24,865 GAL	800-424-9300	16186
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31	GATX 95098	LOADED	TANK CAR	VINYL CHLORIDE, STABILIZED	DOT 105J300W	UN1086	2.1 (FLAMMABLE GAS)	OXY VINYL MILLER, LA PORTE, TX	25,740 GAL	800-424-9300	16186
55	OCPX 80370	LOADED	TANK CAR	VINYL CHLORIDE, STABILIZED	DOT 105J300W	UN1086	2.1 (FLAMMABLE GAS)	OXY VINYL MILLER, LA PORTE, TX	24,620 GAL	800-424-9300	16186

Best,

**Meghan Achimasi**  
ident, Chemicals  
NORFOLK SOUTHERN  
650 West Peachtree St. NW  
Atlanta, GA 30309  
[www.norfolksouthern.com](http://www.norfolksouthern.com)

Message

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**From:** Pearson, Meridith [REDACTED]  
**Sent:** 2/4/2023 9:50:14 AM  
**To:** Achimasi, Meghan [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e0255f358bb14a2bae57e5682cdb11a0-KUC5C]; Stegmann, Karenanne R. [REDACTED]; Young, Christi [REDACTED]; CU Glass, Leigh (Occidental Chemical Corp) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c9ef2558b36c441ca04d050f0648f35c-LeighGlass]  
**CC:** Treadwell, Ashley N. [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=eaf0933ce56c4344be4ffad6699c4203-ZYWAI]; King, Ashley C. [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=94d85b68e41e49af9296e44b6287352c-TDD1X]; Fizer, Kevin [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=06ba05e3bd6e4792bbef4cfe850d1c67-Kevin Fizer]; Gardner, Colby [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b6f0369308c0405da96cef9fec7b7ee5-Gardner, Co]; Patten, David M. [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=765b41ce5d8441c4aba6f5779335e69c-TA8F3]  
**Subject:** [EXTERNAL] RE: Notification of cars involved in NS derailment last night near East Palestine, OH

Meghan,

Thank you for the communication. Please keep us informed.

**Meridith Pearson**

Manager Commercial Logistics

Office: [REDACTED] Mobile: [REDACTED]

[Zero In™ at oxy.com](#)

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**From:** Achimasi, Meghan <[REDACTED]>  
**Sent:** Saturday, February 4, 2023 8:41 AM  
**To:** Stegmann, Karenanne R. <[REDACTED]>; Honeck, Michelle M. <[REDACTED]>; Pearson, Meridith <[REDACTED]>  
**Cc:** Treadwell, Ashley N. <[REDACTED]>; King, Ashley C. <[REDACTED]>; Fizer, Kevin <[REDACTED]>; Gardner, Colby <[REDACTED]>; Patten, David M. <[REDACTED]>  
**Subject:** [EXTERNAL] Notification of cars involved in NS derailment last night near East Palestine, OH

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Best,

**Meghan Achimasi**

Group Vice President, Chemicals

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 Atlanta, GA 30308  
[www.norfolksouthern.com](http://www.norfolksouthern.com)

**To:** Wood, Robert C. [REDACTED]  
**Cc:** Ethan Currie [REDACTED]  
**From:** John T. Wilson [REDACTED]  
**Sent:** Sun 2/5/2023 4:12:56 AM (UTC-05:00)  
**Subject:** [EXTERNAL] Fw: USE THIS VERSION - VC BLEVE Model Updated - [Catastrophic failure theoretical outcomes.pptx](#)

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**From:** Scott Skelton <[REDACTED]>  
**Sent:** Sunday, February 5, 2023 12:17 AM  
**To:** Ethan Currie <[REDACTED]>; Kelly Tuttle <[REDACTED]>  
**Cc:** John T. Wilson <[REDACTED]>; Allen Higginbotham <[REDACTED]>; Paul Nony <[REDACTED]>; Chase Selby <[REDACTED]>  
**Subject:** USE THIS VERSION - VC BLEVE Model Updated -

Ethan,

USE THIS VERSION – Omit previous version. Model was updated to storage pressure of 225 psi (safety valve failure static pressure)

Scott Skelton, MS, CIH  
Principal IH/ER Consultant  
[REDACTED]  
CTEH

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**From:** Scott Skelton <[REDACTED]>  
**Date:** Sunday, February 5, 2023 at 12:01 AM  
**To:** Ethan Currie <[REDACTED]>, Kelly Tuttle <[REDACTED]>  
**Cc:** John T. Wilson <[REDACTED]>, Allen Higginbotham <[REDACTED]>, Paul Nony <[REDACTED]>, Chase Selby <[REDACTED]>  
**Subject:** VC BLEVE Model

Ethan,

As requested, I have compiled a model scenario depicting catastrophic outcomes of a VC railcar (105J300) exhibiting BLEVE-like outcomes.

The purpose for my including ER and CTEH leadership is to expand the audience of this deliverable.

All,

Please note, Ethan was asked by site NS contact to provide a VC BLEVE model to assist with the determination of the exclusion zone as requested by site stakeholders. It is imperative to note that this model should only be used as a perspective resource and should not be relied upon as the sole basis for safety decisions. CTEH, nor I, bare responsibility for the misuse or sole use of this model scenario should such conditions evolve. Further, it is important for this team to determine the manner in which this model scenario is provided to site personnel. Please ensure:

1. It is known that this scenario was based on highly limited information, such as:
  - a. Tank car type and contents
  - b. Potential for flame impingement on railcar
  - c. No other details were including rendering this scenario as only **modestly applicable**
2. Site stakeholders recognize that this model scenario was provided based on the confinements of the CHARM software. No other mathematical or technical input was included to produce this model.

I am only a user of the software and cannot attest to its accuracy or validity outside of the knowledge of use and best practices when selecting variables for input.

Thank you,

Scott Skelton, MS, CIH

Principal IH/ER Consultant



CTEH

**Team:** Chat  
G [redacted] >;Graves Jr., Timothy  
< [redacted] y  
< [redacted] Wilson, James L  
[redacted] Ewers, Steve W  
[redacted] imasi, Meghan  
**Active Participants:** [redacted] >;Vittur, Brian  
[redacted] le, Robert  
[redacted] >;Foote, Jason M.  
[redacted] >;Payne, Gerard  
< [redacted] >;Petersen, Paul  
< [redacted] ppivchak, Jason M <>;Knighton, Jennifer S.  
< [redacted] >  
**Topic:** Ke

**Timeframe:** 2/5/2023 7:45:12 AM - 2/5/2023 9:12:47 AM  
**Thread Id:** 19:0a24e6ef42114e27a30feb12e0ec5ec8@thread.v2  
**Skype Id:** 94832e119ff258e76723671957d65ffa2e0c2d52d705866d8bcab0a7f4baa7ad  
**Subreply Id:** 1675601112323

**Ewers, Steve W** 2/5/2023 7:45:12 AM  
Happy Sunday morning. I'm getting ready to get on a call about the derailment. Do we have any updated service concerns? Gardner, Colby do we know yet which empty train will be hot to run Monday/Tuesday?

**Gardner, Colby** 2/5/2023 7:46:11 AM  
Set 1: C161 - 66J/03- e/r Conway  
Set 2: CIG51 – 66J- started loading Toledo Saturday - to be complete by Sunday PM  
Set 3: CIP17 – 67J/04 running daylight - Port Road - wanted Tuesday for Wednesday loading  
Set 4: CSO1- 66J/01 Conway called for 1600

**Gardner, Colby** 2/5/2023 7:46:24 AM  
67J.04

**Knighton, Jennifer S.** 2/5/2023 7:47:03 AM  
We have a 60W.04 that is hot for Smart Sand. They are out of product as of this morning. Train is out and moving towards Cleveland.

**Gardner, Colby** 2/5/2023 7:47:37 AM



ADM Ethanol

65T.02 is stuck at Cromby, they took the power off the train, sounds like for another bulk train

64T.03 is still looking for power to be pulled...

**Achimasi, Meghan** 2/5/2023 7:48:48 AM

Occidental reached out to me with some safety concerns last night about a car involved in the derailment which I escalated thru safety.

They also reached out separately in an email to see if there's going to be any ability to serve their Pedricktown plant thru reroutes. They said they are low on inventory and wanted to do some planning. But that's all in the ones that reached out directly to me.

**Ewers, Steve W** 2/5/2023 7:57:09 AM

Thanks, all.

**Petersen, Paul** 2/5/2023 8:01:23 AM

ADM's ethanol train 65T/02 doesn't need to be at the very top of our derailment priorities but we will need to work that in at some point. They do need it for supply per our last 2 calls with them

**Ewers, Steve W** 2/5/2023 8:42:04 AM

Here is what I am showing Paul Duncan:

- 60W/02 departed Toledo this AM. Smart Sand out of product today. We have advised them of the derailment related delays
- 67J/04 should be running x Reybold this AM -- using Amtrak daylight window. Needed Toledo Tues PM for Wed production. Is a shutdown train
- 64T/03 is AWP Decatur. With their strike going on, we have been worried about/watching for congestion. Original plan was for 65T/02 to pay 64T. 65T has been delayed. At Cromby

*Poole, Robert robert.poole@nscorp.com +like 2/5/2023 11:02:55 AM*

**Ewers, Steve W** 2/5/2023 8:42:19 AM

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When is the 65T needed at Decatur?

**Petersen, Paul** 2/5/2023 8:43:17 AM

Adm had 65 ethanol empties yesterday. We'll get their updated number, and thus the need by date on 65T/02 on our 9am call



**Petersen, Paul** 2/5/2023 9:12:47 AM

Adm will be tight for ethanol empties (65T/02) tomorrow. We can likely get them into Tuesday with single cars but no farther