



NATIONAL TRANSPORTATION SAFETY BOARD
Investigative Hearing

Norfolk Southern Railway general merchandise freight train 32N
derailment with subsequent hazardous material release and fires,
in East Palestine, Ohio, on February 3, 2023

GROUP	F
EXHIBIT	
2	

Agency / Organization

Norfolk Southern Railway

Title

**Train 32NB101 Automatic Equipment Identifier
(AEI) Scan Report, February 3, 2023.**

Train: UNKNOWN - Scan Detail

02/04/2023 11:55 AM

Outbound Scanner PC81 - ALLIANCE SCANNER Track: TRACK1

Index: 9220

Dir: E

Scanner Id: 363

Scanned: Feb 3 2023 7:46PM (E)

Stored: Feb 3 2023 7:52PM (E)

Locos: 3 Cars:149

EOT: NS X076754

Act	Seq	Rptd	Seq	Equipment	Type	Orientation	Status	Gallon	KWH
1	1			NS E004178	Loco	A End Forward	OK	0	0
2	2			NS E004224	Loco	A End Forward	Left Tag Missing	0	0
3	3			OCPX 070524	Car	Brake Trailing	OK		
4	4			GATX 009166	Car	Brake Forward	OK		
5	5			TTPX 081589	Car	Brake Forward	OK		
6	6			TTPX 805391	Car	Brake Forward	OK		
7	7			TTPX 080902	Car	Brake Trailing	OK		
8	8			TTPX 806356	Car	Brake Forward	OK		
9	9			TTZX 864660	Car	Brake Forward	OK		
10	10			GACX 015324	Car	Brake Forward	OK		
11	11			NS 245167	Car	Brake Trailing	Left Tag Missing		
12	12			TBOX 641071	Car	Brake Forward	OK		
13	13			CSOX 023642	Car	Brake Trailing	OK		
14	14			UTCX 046842	Car	Brake Trailing	OK		
15	15			TILX 623413	Car	Brake Forward	OK		
16	16			BRKX 062205	Car	Brake Forward	OK		
17	17			GPLX 076170	Car	Brake Forward	OK		
18	18			GPLX 076158	Car	Brake Forward	OK		
19	19			GPLX 075450	Car	Brake Forward	OK		
20	20			MULX 053887	Car	Brake Forward	OK		
21	21			TILX 624042	Car	Brake Trailing	OK		
22	22			BRKX 068611	Car	Brake Forward	OK		
23	23			ARSX 004145	Car	Brake Forward	OK		
24	24			BRKX 066738	Car	Brake Trailing	Left Tag Missing		
25	25			GPLX 075465	Car	Brake Forward	OK		
26	26			ECUX 860375	Car	Brake Forward	OK		
27	27			UTLX 684543	Car	Brake Forward	OK		
28	28			TILX 402025	Car	Brake Trailing	OK		
29	29			OCPX 080235	Car	Brake Forward	OK		
30	30			OCPX 080179	Car	Brake Forward	OK		
31	31			GATX 095098	Car	Brake Forward	OK		
32	32			RACX 051629	Car	Brake Trailing	OK		
33	33			LYBX 005191	Car	Brake Trailing	OK		
34	34			RACX 051435	Car	Brake Forward	OK		
35	35			UTLX 671772	Car	Brake Forward	OK		
36	36			SHPX 211226	Car	Brake Trailing	OK		
37	37			TILX 331319	Car	Brake Forward	Right Tag Missing		
38	38			DOWX 073168	Car	Brake Forward	OK		
39	39			ROIX 057036	Car	Brake Trailing	Right Tag Missing		
40	40			NCUX 040057	Car	Brake Trailing	Left Tag Missing		
41	41			UTLX 100055	Car	Brake Trailing	OK		
42	42			XOMX 110664	Car	Brake Trailing	OK		
43	43			UTLX 684798	Car	Brake Trailing	OK		
44	44			UTLX 671310	Car	Brake Forward	OK		
45	45			CERX 030072	Car	Brake Trailing	OK		
46	46			SHPX 211106	Car	Brake Forward	OK		
47	47			NATX 231335	Car	Brake Forward	OK		
48	48			UTLX 671913	Car	Brake Forward	OK		
49	49			NATX 035844	Car	Brake Forward	OK		
50	50			UTLX 205907	Car	Brake Trailing	OK		
51	51			UTLX 661296	Car	Brake Forward	OK		

52	52	COCX	287059	Car	Brake	Forward	OK
53	53	ROIX	059396	Car	Brake	Trailing	OK
54	54	ROIX	057782	Car	Brake	Forward	Right Tag Missing
55	55	OCPX	080370	Car	Brake	Forward	OK
56	56	TBOX	640019	Car	Brake	Trailing	OK
57	57	BKTY	152621	Car	Brake	Forward	OK
58	58	LINX	007278	Car	Brake	Trailing	OK
59	59	DPRX	259013	Car	Brake	Trailing	OK
60	60	DPRX	258671	Car	Brake	Trailing	OK
61	61	XOMX	110236	Car	Brake	Trailing	OK
62	62	ELTX	007458	Car	Brake	Trailing	OK
63	63	ELTX	003421	Car	Brake	Forward	OK
64	64	NDYX	892049	Car	Brake	Forward	OK
65	65	TTGX	953815	Car	Brake	Trailing	OK
66	66	TBOX	889334	Car	Brake	Forward	OK
67	67	NOKL	603412	Car	Brake	Trailing	OK
68	68	NS	472751	Car	Brake	Forward	OK
69	69	TBOX	676291	Car	Brake	Forward	OK
70	70	TBOX	670331	Car	Brake	Forward	OK
71	71	TBOX	662599	Car	Brake	Forward	OK
72	72	KCS	112405	Car	Brake	Trailing	OK
73	73	TBOX	666771	Car	Brake	Trailing	OK
74	74	TBOX	664264	Car	Brake	Forward	OK
75	75	TBOX	642155	Car	Brake	Forward	OK
76	76	TBOX	643155	Car	Brake	Trailing	OK
77	77	TBOX	630049	Car	Brake	Trailing	OK
78	78	BKTY	151113	Car	Brake	Trailing	OK
79	79	TBOX	672287	Car	Brake	Trailing	OK
80	80	TBOX	643036	Car	Brake	Forward	OK
81	81	TTZX	862546	Car	Brake	Forward	OK
82	82	NAHX	320459	Car	Brake	Trailing	Left Tag Missing
83	83	TTGX	696500	Car	Brake	Trailing	OK
84	84	TTGX	851756	Car	Brake	Trailing	OK
85	85	TTGX	981950	Car	Brake	Forward	OK
86	86	LRS	137205	Car	Brake	Trailing	OK
87	87	NS	469567	Car	Brake	Forward	OK
88	88	TBOX	641883	Car	Brake	Forward	OK
89	89	TBOX	675515	Car	Brake	Forward	OK
90	90	LRS	002512	Car	Brake	Trailing	OK
91	91	TBOX	672773	Car	Brake	Trailing	OK
92	92	BKTY	152854	Car	Brake	Forward	OK
93	93	UTLX	667639	Car	Brake	Trailing	OK
94	94	GATX	225435	Car	Brake	Forward	OK
95	95	UTLX	669739	Car	Brake	Forward	OK
96	96	NAHX	620163	Car	Brake	Trailing	OK
97	97	TTPX	081575	Car	Brake	Trailing	OK
98	98	SHQX	004267	Car	Brake	Trailing	OK
99	99	GATX	054892	Car	Brake	Forward	OK
100	100	TBOX	639745	Car	Brake	Trailing	OK
101	101	TBOX	640016	Car	Brake	Trailing	Left Tag Missing
102	102	GATX	054899	Car	Brake	Forward	OK
103	103	ROIX	058372	Car	Brake	Forward	OK
104	104	MULX	200058	Car	Brake	Forward	Right Tag Missing
105	105	SHPX	463835	Car	Brake	Forward	OK
106	106	ELTX	007538	Car	Brake	Trailing	OK
107	107	CCBX	058366	Car	Brake	Forward	OK
108	108	BRKX	066231	Car	Brake	Trailing	Left Tag Missing
109	109	CITX	200199	Car	Brake	Forward	OK
110	110	CITX	200288	Car	Brake	Trailing	Left Tag Missing
111	111	GISX	001386	Car	Brake	Forward	OK

112	112	NS E004412	Loco B End Forward	Right Tag Missing	0	0
113	113	GONX 320417	Car Brake Trailing	OK		
114	114	GONX 310070	Car Brake Trailing	OK		
115	115	NW 189995	Car Brake Forward	OK		
116	116	NW 169645	Car Brake Forward	OK		
117	117	NS 163615	Car Brake Trailing	OK		
118	118	NS 168788	Car Brake Trailing	OK		
119	119	TILX 101984	Car Brake Forward	OK		
120	120	GATX 035935	Car Brake Trailing	OK		
121	121	TILX 101958	Car Brake Forward	OK		
122	122	GATX 035941	Car Brake Trailing	OK		
123	123	GATX 035930	Car Brake Trailing	OK		
124	124	STXS 051519	Car Brake Forward	OK		
125	125	STXS 003110	Car Brake Forward	OK		
126	126	STXS 051308	Car Brake Forward	OK		
127	127	STXS 061226	Car Brake Forward	OK		
128	128	STXS 004000	Car Brake Trailing	OK		
129	129	STXS 004201	Car Brake Forward	OK		
130	130	STXS 003082	Car Brake Forward	OK		
131	131	TILX 170527	Car Brake Forward	OK		
132	132	ADMX 016442	Car Brake Trailing	OK		
133	133	DMIX 191118	Car Brake Forward	OK		
134	134	ADMX 016192	Car Brake Trailing	OK		
135	135	DMIX 191011	Car Brake Forward	OK		
136	136	VTGX 190085	Car Brake Forward	OK		
137	137	GATX 073411	Car Brake Forward	OK		
138	138	DMIX 190425	Car Brake Trailing	OK		
139	139	ADMX 015742	Car Brake Trailing	OK		
140	140	DMIX 190327	Car Brake Trailing	OK		
141	141	TILX 170647	Car Brake Trailing	OK		
142	142	ITFX 129067	Car Brake Trailing	OK		
143	143	SHPX 454520	Car Brake Forward	OK		
144	144	CR 053534	Car Brake Forward	OK		
145	145	CR 053318	Car Brake Forward	OK		
146	146	CITX 701780	Car Brake Trailing	Left Tag Missing		
147	147	NS 168703	Car Brake Forward	OK		
148	148	TILX 291356	Car Brake Trailing	OK		
149	149	TILX 650290	Car Brake Forward	OK		
150	150	CEFX 360330	Car Brake Trailing	OK		
151	151	ADMX 064225	Car Brake Trailing	OK		
152	152	ADMX 063057	Car Brake Forward	OK		
152	153	NS X076754	EOT	OK		