

Train 192P005

Through Freight

On Duty in Augusta, GA

Enroute to Columbia, SC

**Collision
at Milepost 178.3**

Graniteville, SC

CONFIDENTIAL

Greenville, SC – January 6, 2005

Reference: Derailment with Hazardous Materials Release and Injuries at Graniteville, SC MP R179 on January 6, 2005 involving Train 192P005

Train

192P005

25 loads, 17 empties, 3521 tons, 2553 feet Engines NS 6653, NS 6593

Crew

On Duty 12:30AM - Augusta, GA

Engineer C.G. Seeling

EIN: [REDACTED]

SSN: [REDACTED]

Seniority Date: 8/25/97

Engineer Seniority Date: 12/12/01

Conductor W.A. Wright

EIN: [REDACTED]

SSN: [REDACTED]

Seniority Date: 8/30/99

Incident

Train 192P005 on duty at Augusta Yard 12:30 AM on January 6, 2005 and departed Augusta, GA at 2:13 AM, destined for Columbia, SC. Train 192 traveled North on R-line to MP R-179 without incident. At approximately 2:39 AM, Train 192 entered the mainline switch for the Avondale Mills Gregg Plant lead, located on the west side of the mainline at MP R-178.3. Train P22P005, with 1 engine and 2 empties, was secured, unoccupied, and off duty on the Avondale Mills Gregg Plant lead. Train 192 struck the lead unit of P22 after traveling approximately 400 feet down the lead. As a result of the impact, approximately 16 of the head cars of train 192 derailed, including three loaded tank cars of chlorine. A tank car rupture has caused a chlorine vapor leak in the immediate area. Actual speed of Train 192 as it entered the Avondale Mill lead will be verified by event recorder downloads from the locomotive consist.

Injuries

Engineer C.G. Seeling – Fatality

Conductor W.A. Wright – Critical

Injuries to local citizens and the public are yet to be determined.

Damages

Unknown at this time.

Delays

Train delays are ongoing. Through traffic between Augusta and Columbia is being held.

Cause

Under investigation

A.D. Bryson

Superintendent

Train ID: 192P005

Warrant No: 00491

Date: 01/06/05

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To: T/E NS 6653

North

At: AUGUSTA

1. () Track Warrant No of is void.

2. (X) Proceed from Augusta to Summit on main track.

3. () Work between and on track.

4. () This authority expires at M.

5. () Not in effect until after arrival of

and and at

6. (X) Hold main track at last named point. (Y/N) Y

7. () Do NOT foul limits ahead of and
and

8. () Clear main track at last named point. (Y/N)

9. () Between and make all movements
at restricted speed. Limits occupied by train or engine.10. () Between and make all movements
at restricted speed and stop short of men or equipment
fouling track.11. (X) Protection not required against following trains on
same track. (Y/N) Y

12. () Other specific instructions:

OS Location

Time

M Dispatcher

OK 0213A M DispatcherDLC

Copied By WAW

Read Back 1

Limits Reported Clear at

M By

Input data and SELECT
desired function.

	Exit	Reprint	Resend
Clear	Send To	ClearUp	Summary

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CAR HANDLING REPORT FOR TRAIN 192P005 Jan 6 2005 3:54AM

R179

045 CARS = 025 LDS 017 MTYS 3,521 TONS 2,553 FEET ***CARS SET OUT***

POS	SB	SP	INIT	NUMBER	CMDTY	TON	CLASSCD	HAND	LOCL	CD	CONSIGN	TIME	TRACK	LIN
001		NS	E06653	E		150								
002		NS	E06593	E		150								
003		NS	473153	PPBRD	103	CHSTNP					SCPORT			
		UR	FROM BRAKE END-UNLOAD FROM RIGHT SIDE											
004		NS	269182	KAOLN	109	CLMBAP					PPGINDUS			
		53	RESTRICTED IN INTERCHANGE - DO NOT DELIVER OR ACCEPT.											
		82	OVERAGE CAR - CAN NOT BE LOADED OFF LINE NS (XA TCC)											
005		SOU	006774	KAOLN	090	F80					AGY			
		53	RESTRICTED IN INTERCHANGE - DO NOT DELIVER OR ACCEPT.											
		82	OVERAGE CAR - CAN NOT BE LOADED OFF LINE NS (XA TCC)											
006		ACFX	051213	E		036	CLMBAP				ELECHRLP			
007		NAHX	551307	E		033	CLMBAP				ELECHRLP			
		68	SET AND RELEASE HAND BRAKE TWICE BEFORE SET OUT.											
008		SBLX	014146	CHLOR	130	CLMBAP	DANG				GULMANUF			
		21	DIVISION 2.3 (ZONE B,C,D) >DANGEROUS<											
		61	LOADED TANK CAR.											
009		GATX	017105	CHLOR	131	CLMBAP	DANG				RHOPOULE			
		21	DIVISION 2.3 (ZONE B,C,D) >DANGEROUS<											
		61	LOADED TANK CAR.											
		OK	"EXCESSIVE WEIGHT - IS OKAY FOR CAR AND ROUTE"											
010		GATX	058326	SODIU	127	CLMBAP	DANG				JONCHEMI			
		30	CLASS 8 (CORROSIVE MATERIAL) >DANGEROUS<											
		61	LOADED TANK CAR.											
011		UTLX	900270	CHLOR	131	CLMBAP	DANG				RHOPOULE			
		21	DIVISION 2.3 (ZONE B,C,D) >DANGEROUS<											
		61	LOADED TANK CAR.											
012		NAHX	551599	E		033	CLMBAP				ELECHRLP			
		68	SET AND RELEASE HAND BRAKE TWICE BEFORE SET OUT.											
013		CSXT	496430	COILS	116	CLMBAP					DIEINDUS			
014		CSXT	496904	COILS	114	CLMBAP					DIEINDUS			
015		CSXT	495573	COILS	118	CLMBAP					DIEINDUS			
016		NS	411178	PPBRD	085	CHSTNP					SCPORT			
		UL	FROM BRAKE END-UNLOAD FROM LEFT SIDE											
017		NS	403130	PPBRD	084	CHSTNP					SCPORT			
		UR	FROM BRAKE END-UNLOAD FROM RIGHT SIDE											
018		GATX	031941	E		034	CHSTNP	HAZM			MEADWEST			
		16	CLASS 9 > LOADED CARS MAY NOT BE NEXT TO SHIFTABLE LOADS.											
019		GATX	025262	E		036	CHSTNP	HAZM			MEADWEST			
		16	CLASS 9 > LOADED CARS MAY NOT BE NEXT TO SHIFTABLE LOADS.											
020		GATX	049030	CRESY	122	CHSTNP	DANG				RHOPOULE			
		25	DIVISION 6.1 (OTHER THAN PGI ZONE A) >DANGEROUS<											
		61	LOADED TANK CAR.											
		BN	IF BAD ORDERED NOTIFY SHIPPER											
021		DOWX	006695	SOAP	122	CHSTNP	LT				CARSTALL			
		61	LOADED TANK CAR.											
022		WVCX	002049	PULPH	118	CHSTNP					MEAD			
023		WVCX	002014	PULPH	119	CHSTNP					MEAD			
024		WVCX	003045	PULPH	125	CHSTNP					MEAD			
025		WVCX	003077	PULPH	126	CHSTNP					MEAD			
026		UTLX	201323	E		033	CHSTNP	DANG			ALLTERMI			
		06	CLASS 3 (FLAMMABLE LIQUID) >DANGEROUS<											
027		GPPX	009595	E		033	CHSTNP	DANG			ALLTERMI			
		06	CLASS 3 (FLAMMABLE LIQUID) >DANGEROUS<											
028		GPPX	005078	E		034	CHSTNP	DANG			ALLTERMI			

06 CLASS 3 (FLAMMABLE LIQUID) >DANGEROUS<

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CAR HANDLING REPORT FOR TRAIN 192P005 Jan 6 2005 3:54AM R179

045 CARS = 025 LDS 017 MTYS 3,521 TONS 2,553 FEET ***CARS SET OUT***

POS	SB	SP	INIT	NUMBER	CMDTY	TON	CLASS	CD	HAND	LOCL	CD	CONSIGN	TIME	TRACK	LIN
029			NATX	037214	E	034	CHSTNP		DANG			ALLTERMI			
			06	CLASS 3 (FLAMMABLE LIQUID) >DANGEROUS<											
030			WVCX	002040	PULPH	118	CHSTNP					MEAD			
031			PTLX	041864	PLAST	129	CLSCP					INTPAPER			
032			PSPX	005703	PLAST	131	CLSCP					INTPAPER			
033			OLNX	224010	SODIU	130	CLSCP		DANG			ALBEMARL			
			30	CLASS 8 (CORROSIVE MATERIAL) >DANGEROUS<											
			61	LOADED TANK CAR.											
034			TTPX	804131	IRSTL	126	CLSCP					CHASTEEL			
035			CSXT	502716	E	032	CLSCP					TENPACKA			
036			DUPX	022027	CYCLC	128	CLSCP		DANG			NATFORCH			
			25	DIVISION 6.1 (OTHER THAN PGI ZONE A) >DANGEROUS<											
			61	LOADED TANK CAR.											
037			DUPX	022009	CYCLC	128	CLSCP		DANG			NATFORCH			
			25	DIVISION 6.1 (OTHER THAN PGI ZONE A) >DANGEROUS<											
			61	LOADED TANK CAR.											
038			NATX	022479	E	033	CLSCP					ARCDANMI			
039			NATX	073697	E	031	CLSCP					ARCDANMI			
040			UELX	078286	E	031	CLSCP					ARCDANMI			
041			SOU	098325	E	032	CLSCP					USSILICA			
042			CSXT	495198	E	031	CLSCP					NUCSTEEL			
043			CSXT	498063	E	035	CLSCP					NUCSTEEL			
044			CSXT	497760	E	032	CLSCP					NUCSTEEL			
045			CR	X15396	E	033									

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Train Clearances

NORFOLK SOUTHERN CORPORATION
STATION: AUGUSTA TRAIN: 192P005 DATE: 01/05/05

I HAVE DISPATCHER'S BULLETIN NUMBER 00378 WITH 014 ITEM(S)
AND BULLETIN NUMBER 00826 WITH 005 ITEM(S)
AND 002 MESSAGE(S) FOR YOUR TRAIN

TIME ISSUED: 1154PM

DLC DISPATCHER

DISPATCHER'S BULLETIN NO. 00378

AUGUST/ANDRS DISTRICT ISSUED: 01/04/05 0426PM

001 DO NOT EXCEED 25 MPH on MAIN TRACK BETWEEN
R170.5 and R170.5
REASON: EFFECTIVE 0430P 1/4/05 UNTIL TAKEN DOWN, ACCT TRACK SURFACE
BY: K SANDERS INL: GLD R: Y 0430P 01/04/05

002 =====ADDITIONAL SPEED RESTRICTIONS=====

003 DO NOT EXCEED 25 MPH MAIN TRACK BETWEEN MP D127.3 AND MP D127.8
EFFECTIVE IMMEDIATLY 2/8/02 TIL RELEASED ACCT SURFACING PER LANE

004 =====STOP AND FLAG ORDERS=====

005 =====HIGH AND WIDE MOVEMENTS=====

006 =====BAD FOOTING AT FOLLOWING LOCATIONS=====

007 ALL CREWS WORKING IN ANDREWS YARD SHOULD BE OBSERVANT FOR BAD FOOTING ON
ALL THE YARD ACCOUNT T&S WORK BEGINNING MONDAY 1/3/05.
PER RL CAPPS. 1/1/05

008 SUMMIT SIDING MP R132.9 TO R133.5 BOTH SIDES OF TRACK ACCOUNT RAIL
UNLOADED PER CA SMITH 7/2/03

009 WEST SIDE OF TRACK MP R143.5 UNTIL FURTHER ADVISED ACCOUNT HOLE ALONG SIDE
OF TRACK PER T MABRY 6/30/04

010 =====FOLLOWING TRACKS OUT OF SERVICE=====

011 HOUSE TRACK LEXINGTON MP R-120.7, SWITCH SPIKED AND TAGGED [8/16/00 SNEED]

012 WELLINGTON FIBERS TRACK MP R-139.3.
PER K SANDERS, 12/15/04, INDUSTRY IS OUT OF BUSINESS.

013 =====MISCELLANEOUS INSTRUCTIONS=====

014 *****

ALL TRAINS WORKING WARRENVILLE, S.C. MUST NOT BLOCK LINE ST., MILEPOST
R-180.1 FOR MORE THAN FIVE MINUTES. IF PICK UPS OR SET OFFS WILL REQUIRE
THE CROSSING BE BLOCKED FOR MORE THAN FIVE MINUTES THE CROSSING MUST BE
CUT.

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V.L. SANDERS, CHIEF DISPATCHER 10/14/04

END OF DISPATCHER'S BULLETIN

DISPATCHER'S BULLETIN NO. 00826

WARREN/OAKWD DISTRICT

ISSUED: 10/13/04 1111AM

001 =====STOP AND FLAG ORDERS=====

002 =====BAD FOOTING AT FOLLOWING LOCATIONS=====

003 =====FOLLOWING TRACKS OUT OF SERVICE=====

004 MAIN TRACK OUT OF SERVICE BETWEEN MP SA-49 AND MP SA-51
EARTH MOUND PLACED ON TRACK AT MP SA-51. [CA SMITH 3/1/01]

005 =====MISCELLANEOUS INSTRUCTIONS=====

END OF DISPATCHER'S BULLETIN

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START OF MESSAGES

MSG NO. 00875

NORFOLK SOUTHERN

LATE TAXI PICK UP FORM

TRAIN/DEADHEAD SYMBOL:_____ DATE:_____
CONDUCTOR:_____ ENGINEER:_____
CREW PICK UP LOCATION:_____ CREW DESTINATION:_____
WHEN WAS TAXI ORDERED? (DATE/TIME):_____/_____/_____ BY WHOM?_____
TIME OF PICKUP:_____ TIME TAXI ARRIVED FOR PICKUP:_____ TRIP NUMBER:_____
NAME OF CAB COMPANY:_____ NAME OF DRIVER:_____
COMMENTS:_____

FAX THIS FORM TO THE CHIEF DISPATCHER AT MICROWAVE 7-228-4241 OR BELL
(864) 255-4241, MAKING SURE TO FILL OUT AS MUCH INFORMATION AS POSSIBLE.

MSG NO. 00902

NEAR MISS REPORT-PERSON REPORTING		EMPLOYEE TITLE	
INCIDENT DATE/TIME		REPORTING DATE/TIME	
LOCATION- CITY/COUNTY		STATE	
STREET/RD/RTE	MP	DOT #	
TYPE OF CROSSING WARNING		WEATHER	
VEHICLE DESCRIPTION		LICENSE NO.	STATE
DIRECTION	SPEED	#OCCUPANTS	SCHOOL BUS/HAZMAT(Y/N)
TRAIN #	TRAIN DIR.	SPEED	EMERGENCY APP.(Y/N)
EST. DISTANCE TRN TO VEH		SECS VEH CLEARED PRIOR TO TRAIN	
ENGR.	CONDR.	OTHERS.	
INJURIES/DAMAGE/DELAY.			
OTHER COMMENTS:			

END OF MESSAGES

SUPPLEMENTAL INSTRUCTIONS - ADDITIONAL SPEED RESTRICTIONS:

DO NOT EXCEED:

SPEED	TRACK	LOCATION	LOCATION	TIME RECEIVED
____ MPH ON	____	BETWEEN MP	____ AND MP	____
____ MPH ON	____	BETWEEN MP	____ AND MP	____
____ MPH ON	____	BETWEEN MP	____ AND MP	____
____ MPH ON	____	BETWEEN MP	____ AND MP	____
____ MPH ON	____	BETWEEN MP	____ AND MP	____

SUPPLEMENTAL INSTRUCTIONS - OTHER RESTRICTIONS:

INSTRUCTIONS RECEIVED	TIME RECEIVED
____	____
____	____
____	____
____	____
____	____
____	____
____	____
____	____
____	____

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Operational Status of Dynamic Brakes

Initial	Number	Status					
		OK		Inoperative		Cut-Out	
NS	6653	OK	<input checked="" type="checkbox"/>	Inoperative	<input type="checkbox"/>	Cut-Out	<input type="checkbox"/>
NS	6593	OK	<input checked="" type="checkbox"/>	Inoperative	<input type="checkbox"/>	Cut-Out	<input type="checkbox"/>
		OK	<input type="checkbox"/>	Inoperative	<input type="checkbox"/>	Cut-Out	<input type="checkbox"/>
		OK	<input type="checkbox"/>	Inoperative	<input type="checkbox"/>	Cut-Out	<input type="checkbox"/>
		OK	<input type="checkbox"/>	Inoperative	<input type="checkbox"/>	Cut-Out	<input type="checkbox"/>
		OK	<input type="checkbox"/>	Inoperative	<input type="checkbox"/>	Cut-Out	<input type="checkbox"/>
		OK	<input type="checkbox"/>	Inoperative	<input type="checkbox"/>	Cut-Out	<input type="checkbox"/>
		OK	<input type="checkbox"/>	Inoperative	<input type="checkbox"/>	Cut-Out	<input type="checkbox"/>

Date: 1-1-05 Number of units in consist: 2
 Time: 11:05 PM Name: W.H. STARLEY JR.
 Signature: [Signature]

In accordance with 49 CFR 232.109(a), this form must be completed by the engineer going off duty and left on the lead locomotive in the consist. The completed form must indicate status of the dynamic brake of each locomotive in the consist. All previously completed forms must be removed from the consist and discarded. Any locomotive checked "Inoperative" must also be tagged in accordance with CFR 232.109(c).

This is Chief Dispatcher Vernon Sanders, the following transmissions pertain to the incident of train 192 at Graniteville, S.C. the morning of January 6, 2005. The first transmission occurred at 02:39 a.m., 02:39 and 17 seconds a.m. train 192.

Train 192 – Non automatic block clear Graniteville NS 192 out.

The next transmission is between train 192 and Greenville District Dispatcher D.L. Cox. The first sound you will hear will be the emergency tone which occurred at 2:40 and 11 seconds a.m. that's 2:40 and 11 seconds a.m.

Emergency tone sounds.

Greenville Dispatcher: NS Greenville Dispatcher answering the emergency call in on the Madison tower over.

Train 192: Dispatcher, Dispatcher, this is train 1, uh, 192, uh we need emergency assistance in Graniteville we just uh hit a switch uh at Graniteville, and uh uh it was lying off the main line and we went around there and uh hit an engine that was in the track. And about, we went through the switch at 45 miles per hour. We need help.

Greenville Dispatcher: O.K. Alright uh, we'll get somebody headed that way uh, ya'll alright.

Train 192: Uh, it just happened, uh, uh, we need an ambulance I think I'm bleeding.

Greenville Dispatcher: Alright, here we go, thank you, out.