



NATIONAL TRANSPORTATION SAFETY BOARD - **Public Hearing**

Conrail Derailment in Paulsboro, NJ with Vinyl Chloride Release

GROUP	5
EXHIBIT	
K	

Agency / Organization

CONRAIL

Title

Conrail Timetable Instructions
for Penns Grove Secondary Line

PENNS GROVE SECONDARY (PENS)

SOUTH ↓	SIDINGS IN FEET	MP	SOUTH JERSEY DISTRICT STATION	NOTE
VINS			SOUTH JERSEY DS..... [AAR 64]	
		8.8	CP WOODBURY..... (X) (C)	
			(Vineland Sec.)	
R.T.		9.0	WOODBURY (Salem R.T.)	
		10.4	SHELL..... (C)	
	3500	11.2	DED (Thorofare)	
	4845	11.6	THOROFARE	
		13.7	PAULSBORO MOVEABLE BRIDGE.....	4
		13.8	PAUL..... (C)	
	2350	14.3	PAULSBORO.....	2
	2250	17.2	GIBB..... (C)	
		20.7	BRIDGEPORT	
	1700	20.8	BRIDGEPORT MOVEABLE BRIDGE.....	3
		24.0	JUMBO BRIDGE	
		25.9	RICK..... (C)	
		26.0	PEDRICKTOWN	
		28.7	PENNS GROVE.....	1
I.T.		30.0	DEEP..... (C)	
			(Deepwater Point I.T.)	

STATION PAGE INFORMATION

NOTE 1: Obstructed Public Crossing: Trains that stop between MP 28.09 and MP 29.07 on the Penns Grove Secondary will immediately make a cut at the nearest road crossing from the head end for the use of emergency vehicles. After opening the crossing, the crew must notify the Train Dispatcher, advising the name of the crossing that has been opened. After being advised by the Train Dispatcher that no emergency vehicles need to utilize the crossing, the crossing will be closed and the reason for the stoppage investigated.

NOTE 2: In the application of NORAC Rule 93, the leading end of passenger trains must operate at Restricted Speed not exceeding 15 MPH within Yard Limits between PAUL and GIBB.

NOTE 3: Radio Controlled bridge. Close request code is 208*. Refer to District Instructions.

NOTE 4: Radio Controlled bridge. Close request code is 137*. Refer to District Instructions.

PENNS GROVE SECONDARY (PENS)

1. RULES IN EFFECT

	Single Track
	Rules
Between CP-Woodbury and Deep	DCS
YARD LIMITS Paul and Gibb	93

2. MAXIMUM SPEEDS

	Single Track
	MPH
Between CP-Woodbury and MP 9.1	15
MP 9.1 and Paulsboro Moveable Bridge	30
Paulsboro Moveable Bridge	10
Paulsboro Moveable Bridge and Bridgeport Moveable Bridge	30
Bridgeport Moveable Bridge	10
Bridgeport Moveable Bridge and MP 28.3	30
MP 28.3 and Deep	15

3. CHECKING LOCOMOTIVE SPEED INDICATOR

None.

4. DIESEL UNIT RATINGS

None.

5. LOCOMOTIVE AND CAR RESTRICTIONS

WEIGHT RESTRICTIONS

Maximum Weight of Cars and Lading
286,000 lbs. authorized.

6. SWITCHES AND DERAILS

NORMAL POSITION OF HAND-OPERATED SWITCHES

Switch Located at	Connecting	With	Normal Position is for Movement to
Woodbury	Penns Grove Secondary Track	Salem Running Track	Penns Grove Secondary Track

In the application of TTSI 104-2, derails may be left in the non-derailing position only when not needed for roll out protection.

7. RADIO BASE STATIONS

Base Station	AAR Channel	Touch Tone Access
Paulsboro — Yard	49	None
Paulsboro — Road	64	6#
Deepwater	64	1#

8. DETECTOR INSTRUCTIONS

None.

PENNS GROVE SECONDARY (PENS)

9. DISTRICT INSTRUCTIONS

A. LOCATIONS OF RUNNING TRACKS

Unless otherwise indicated, maximum speed on Running Tracks is Restricted Speed not exceeding the speed indicated below.

Running Track	Between	Controlled by	Restricted Speed not exceeding
Salem	Woodbury and Swede	South Jersey Dispatcher	10 MPH

B. MOVEABLE BRIDGES — NOT PART OF AN INTERLOCKING RADIO CONTROLLED OPERATION

Bridge	Location	Request Code
Paulsboro	MP 13.7	137
Bridgeport	MP 20.8	208

Instructions Governing the Operation of Moveable Bridges shown

Normal position of moveable bridge is **OPEN**.

1. Trains must approach moveable bridge prepared to stop.
2. Verify river traffic is clear of moveable bridge.
3. To close moveable bridge for rail traffic, key in request code and * using the keypad of the locomotive or portable radio.
4. Warning message will be broadcast over radio and loudspeakers on bridge announcing closing of bridge.
5. When moveable bridge is completely closed, message will be broadcast over radio and loudspeakers confirming closing. A signal to proceed will then be displayed.
6. To stop the bridge at anytime, key in the request code and #. A message will be broadcast over the radio and loudspeakers indicating process has been halted. To restart the closing sequence, again key in the request code and *.
7. After train proceeds and is clear of bridge circuit, the moveable bridge will automatically open. A message will be broadcast over radio and loudspeakers confirming the opening.

NOTE: Failure to display a proceed indication or failure of system to broadcast messages announcing bridge opening must be reported immediately to the South Jersey Train Dispatcher.

Failure of Moveable Bridge to close when requested by Radio Command:

1. Open control panel case marked T/E using switch key. Control panel case is located on west side of track on both sides of bridge.
2. Press the "CLOSE" button; radio and loudspeaker warning broadcast will commence.
3. To stop the bridge, press the "CLOSE" button. A message will be broadcast over the radio and loudspeakers indicating process has been halted. To restart the closing sequence, again press the "CLOSE" button.
4. Once bridge is closed, close and lock case.
5. When signal indication to proceed is displayed, train may proceed across moveable bridge.
6. After train proceeds and is clear of bridge circuit, the moveable bridge will automatically open. A message will be broadcast over the radio and loudspeakers confirming the opening.

NOTE: Failure to display a proceed indication or failure of system to broadcast messages announcing bridge opening must be reported immediately to the South Jersey Train Dispatcher.

PENNS GROVE SECONDARY (PENS)

9. DISTRICT INSTRUCTIONS (CONT.)

B. MOVEABLE BRIDGES — NOT PART OF AN INTERLOCKING RADIO CONTROLLED OPERATION (CONT.)

Operation of Moveable Bridge for track cars and other equipment that may not shunt:

1. Approach moveable bridge prepared to stop.
2. Verify that river traffic is clear of moveable bridge.
3. Open control panel case marked M/W. Control panel case is located on west side of track on both sides of bridge.
4. Press the "CLOSE" button; radio and loudspeaker warning broadcast will commence.
5. To stop the bridge, press the "OPEN" button. A message will be broadcast over the radio and loudspeakers indicating bridge opening. To restart the closing sequence, again press the "CLOSE" button.
6. Once bridge is closed, close and lock case.
7. When signal indication is displayed, track car or equipment may proceed across moveable bridge.
8. After track car or equipment proceeds and is clear of bridge, open control panel case marked M/W and press "OPEN" button. The moveable bridge will automatically open. A message will be broadcast over the radio and loudspeakers confirming the opening.

NOTE: Failure to display a proceed indication or failure of system to broadcast messages announcing bridge opening must be reported immediately to the South Jersey Train Dispatcher.

C. DEEPWATER INDUSTRIAL TRACK

Railcars are not to be left unattended under the two bridge spans of the Delaware Memorial Bridge. "CONNECTIVE" signs have been placed along the right of way on both sides of the bridge as a guide for making cuts to clear the bridge.

D. PAULSBORO INDUSTRIAL TRACK

Beacon Avenue (MP 13.89) — Close Clearance

Close clearance exists where the Paulsboro Industrial Track parallels the Penns Grove Secondary Single Track just north and south of Beacon Avenue. Trains and engines must not occupy the Paulsboro Industrial Track between a point 500 feet south of Beacon Avenue and 100 feet north of the same crossing with a train or locomotive approaching or occupying the Penns Grove Secondary Single Track in this same area.

E. POWER OFF INDICATOR LIGHTS

All highway grade crossings with automatic warning devices are equipped with a power off indicator light. The power off indicator light is a steady lit Lunar White light located trackside at the equipment enclosure at each crossing. **Train crew MUST notify the Train Dispatcher if this power off indicator light is not steady lit.**