

# NUCLEAR WASTE TRAINS

A timetable of nuclear transports in the UK



There are over 1,000 nuclear transports through the UK every year. The trains carry spent nuclear fuel on the UK's rail network – often at peak times and within three metres of ordinary passenger trains.

The transport of nuclear material is recognised by the International Atomic Energy Agency to be the nuclear operation most vulnerable to terrorist attack or sabotage and tests have shown the flasks to be highly vulnerable to attack from armour piercing rounds. Nuclear transports are unescorted other than by a driver and a guardsman. Their movements tend to be regular and along a single route.

The weekly trains carry spent fuel from each of the UK's nuclear reactors to Sellafield for reprocessing. Due to a radioactive leak, the reprocessing plant has been closed for a year and no reprocessing is actually taking place.

**For details of the times and dates of your local nuclear waste transport, see the timetables below.**

**Symbols used in the timetable:**

† If a train travelling through these stations is subjected to terrorist attack, 350,000 people may be evacuated. 8,000 could die in the long-term from the effects of radiation.

‡ Nuclear waste trains on this route have twice been involved in collisions with vehicles on an unmanned level crossing.

‡ In October 2005, a cargo of radioactive nuclear waste sat unprotected at this station for hours, less than 100 metres from a school.

<b>Sizewell to Willesden Junction</b>		
<b>Monday, Wednesday and/or Thursday*</b>		
Sizewell	dep	15:30
Saxmundham	dep	15:50
Wickham Market	dep	16:10
Melton	dep	16:20
Woodbridge	dep	16:30
Westerfield	dep	16:50
Ipswich	dep	17:10
Manningtree	dep	17:30
Colchester	dep	17:40
Marks Tey	dep	17:50
Kelvedon	dep	18:00
Witham	dep	18:10
Hatfield Peverel	dep	18:20
Chelmsford	dep	18:40
Ingatestone	dep	18:50
Shenfield	dep	19:00
Brentwood	dep	19:04
Harold Wood†	dep	19:06
Gidea Park†	dep	19:08
Romford†	dep	19:10
Chadwell Heath†	dep	19:13
Goodmayes†	dep	19:16
Seven Kings†	dep	19:18
Ilford†	dep	19:20
Manor Park†	dep	19:22
Forest Gate†	dep	19:25
Mary Land†	dep	19:28
Stratford†	dep	19:30
Hackney Wick†	dep	19:33
Homerton†	dep	19:36
Hackney central†	dep	19:40
Dalston Kingsland†	dep	19:42
Canonbury†	dep	19:44
Highbury Islington†	dep	19:45
Caledonian Rd & Barnsbury†	dep	19:47
Camden Rd†	dep	19:50
South Hamstead†	dep	19:55
Kilburn High Road†	dep	19:57
Queens Park†	dep	20:00
Kensal Green†	dep	20:10
Willesden Junction†	dep	20:20

<b>Dungeness to Willesden Junction †</b>		
<b>Monday, Wednesday and/or Thursday*</b>		
Dungeness	dep	16:30
Ashford	dep	17:40
Pluckley	dep	17:50
Headcom	dep	17:55
Staplehurst	dep	18:05
Marden	dep	18:07
Paddock Wood	dep	18:13
Tonbridge	dep	18:20
Hildenborough	dep	18:25
Sevenoaks	dep	18:30
Dunton Green	dep	18:32
Knockholt†	dep	18:34
Chelsfield†	dep	18:37
Orpington†	dep	18:40
Petts Wood†	dep	18:41
Chislehurst†	dep	18:43
Elmstead Woods†	dep	18:44
Grove Park†	dep	18:45
Hither Green†	dep	18:47
Lewisham†	dep	18:50
Nunhead†	dep	18:57
Peckham Rye†	dep	19:00
Denmark Hill†	dep	19:02
Clapham High St†	dep	19:04
Wandsworth Rd†	dep	19:06
West Brompton†	dep	19:15
Kensington Olympia†	dep	19:20
Willesden Junction†	dep	19:30

<b>Torness to Carlisle</b>		
<b>Friday*</b>		
Torness	dep	15:30
Prestonpans	dep	16:00
Slateford	dep	17:20
Kingsknowle	dep	17:25
Wester Hailes	dep	17:30
Curriehill	dep	17:35
Kirknewton	dep	17:40
Carstairs	dep	17:50
Lockerbie	dep	19:35
Carlisle	dep	20:45

<b>Hinckley Point to Crewe</b>		
<b>Monday, Tuesday and / or Thursday*</b>		
Bridgwater ‡	dep	12:00
Highbridge & Burnham	dep	12:10
Worle	dep	12:30
Yatton	dep	12:40
Mnailsea & Backwell	dep	12:45
Parson Street	dep	12:50
Bedminster	dep	12:55
Lawrence Hill	dep	13:00
Stapleton Road	dep	13:02
Filton Abbey Road	dep	13:06
Bristol Parkway	dep	13:10
Yate	dep	13:12
Carn & Dursley	dep	13:15
Clifton Down	dep	13:20
Cheltenham Spa	dep	13:30
Ashchurch	dep	14:40
Worcester	dep	15:00
Droitwich	dep	15:15
Kidderminster	dep	15:25
Bescot	dep	18:00
Stafford	dep	18:20
Stone	dep	18:40
Stoke on trent	dep	19:00
Kidsgrove	dep	19:10
Crewe	dep	19:25

<b>Wylfa to Crewe</b>		
<b>Tuesday and/or Thursday*</b>		
Valley railhead	dep	15:15
Llanfair P.G.	dep	15:30
Bangor	dep	15:35
Llanfairfechan	dep	15:50
Penmaenmawr	dep	16:00
Conwy	dep	16:04
Llandudno Junction	dep	16:06
Colwyn Bay	dep	16:08
Abergele	dep	16:12
Rhyl	dep	16:17
Prestatyn	dep	16:20
Flint	dep	16:35
Shotton	dep	16:43
Chester	dep	16:50
Crewe	dep	17:15

\* Days, times and routes may vary.

**Hartlepool to Sellafield****Wednesday\***

Hartlepool power station	dep	13:20
Seaham	dep	13:50
Sunderland	dep	14:00
Heworth	dep	14:10
Newcastle	dep	14:15
Dunston	dep	14:20
Metro Centre	dep	14:30
Blaydon	dep	14:40
Prudhoe	dep	14:45
Stocksfield	dep	14:50
Riding Mill	dep	14:57
Corbridge	dep	15:04
Hexham	dep	15:10
Haydon Bridge	dep	15:20
Bardon Mill	dep	15:30
Haltwhistle	dep	15:45
Brampton	dep	16:00
Wetheral	dep	16:10
Dalston	dep	16:15
Wigton	dep	16:25
Aspatria	dep	16:30
Maryport	dep	16:32
Flimby	dep	16:37
Workington	dep	16:40
Harrington	dep	16:50
Parton	dep	17:00
Whitehaven	dep	17:10
Corkickle	dep	17:20
St Bees	dep	17:35
Nethertown	dep	17:45
Braystones	dep	17:55
Sellafield	dep	18:00

**Crewe to Sellafield****Any day from Tuesday to Friday\*  
(arriving from Hinkley, Wylfa and  
Willesden)**

Crewe	dep	06:30
Winsford	dep	06:45
Northwich	dep	06:50
Warrington	dep	07:00
Wigan	dep	07:20
Leyland	dep	07:30
Preston	dep	07:45
Lancaster	dep	08:00
Carnforth	dep	08:30
Oxenholme	dep	09:00
Penrith	dep	10:00
Carlisle	dep	10:45
Dalston	dep	10:55
Wigton	dep	11:05
Aspatria	dep	11:10
Maryport	dep	11:12
Flimby	dep	11:17
Workington	dep	11:20
Harrington	dep	11:30
Parton	dep	11:40
Whitehaven	dep	11:50
Corkickle	dep	12:00
St Bees	dep	12:15
Nethertown	dep	12:25
Braystones	dep	12:35
Sellafield	dep	12:40

**Heysham to Carlisle****Wednesday\***

Heysham P S	dep	16:00
Morecambe	dep	16:30
Carnforth	dep	17:00
Oxenholme Lake District	dep	17:30
Penrith	dep	18:30
Carlisle	dep	19:15

**Carlisle to Sellafield****Wednesday and/or Thursday\*  
(arriving from Hunterston, Heysham and  
Torness)  
The trains run to two different timetables.**

Carlisle	dep	06:45	10:20
Dalston	dep	06:55	10:30
Wigton	dep	07:05	10:40
Aspatria	dep	07:10	10:45
Maryport	dep	07:12	10:47
Flimby	dep	07:17	10:52
Workington	dep	07:20	10:55
Harrington	dep	07:30	11:05
Parton	dep	07:40	11:15
Whitehaven	dep	07:50	11:25
Corkickle	dep	08:00	11:35
St Bees	dep	08:15	11:50
Nethertown	dep	08:25	12:00
Braystones	dep	08:35	12:10
Sellafield	dep	08:40	12:15

**Hunterston to Carlisle****Tuesday\***

Hunterston P S	dep	12:30
Fairlie	dep	12:40
West Kilbride	dep	12:45
Ardrossan	dep	12:50
Saltcoats	dep	12:55
Stevenston	dep	13:00
Kilwinning	dep	13:15
Dalry	dep	13:20
Glengarnock	dep	13:30
Lochwinnoch	dep	13:40
howwood	dep	13:50
Milliken Park	dep	13:55
Johnstone	dep	14:00
Elderslie	dep	14:10
Paisley	dep	14:20
Hillington West	dep	14:22
Hillington East	dep	14:24
Cardonald	dep	14:28
Rutherglen	dep	14:35
Carstairs	dep	15:00
Lockerbie	dep	16:45
Carlisle	dep	17:35

\* Days, times and routes may vary.

Tony Blair has given the green light to a new generation of nuclear power stations. This means more terrorist targets, more radioactive waste – and more nuclear waste transports. He is putting us at risk.

We think the public has the right to know the risks that Tony Blair is putting us at. The timetable is frighteningly easy to work out (just ask any train-spotter) and anyone could do it. So we're doing it first, to make sure the government acts before terrorists do. The timetables are intended to help you lobby the government about public safety and security aspects of these transports.

Nuclear power is not the solution to climate change. Two thirds of the energy going into nuclear, coal and gas-fuelled power stations is lost as wasted heat. Decentralised energy would allow us to capture this heat and use it to heat nearby buildings and districts.

### **WHAT YOU CAN DO!**

- Visit [www.greenpeace.org.uk/nucleartransports](http://www.greenpeace.org.uk/nucleartransports) and demand an end to nuclear transports through your area.

Help us to monitor nuclear trains passing through your station:

- If you see a nuclear train at your station, take a photo of it on your camera or mobile phone and we'll put it on our website.
- Send the image, along with the location, to [webteam@uk.greenpeace.org](mailto:webteam@uk.greenpeace.org) with "Snap" as the subject.

"Movement of nuclear materials is inherently risky both in terms of severe accident and terrorist attack. Not all accident scenarios and accident severities can be foreseen; it is only possible to maintain a limited security cordon around the flask and its consignment; the transportation route will invariably pass through or nearby centres of population; terrorists are able to seek out and exploit vulnerabilities in the transport arrangements and localities on the route; and emergency planning is difficult to maintain over the entire route."

Independent nuclear expert John Large, 2006