

COVERING SECRET

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MISC 151

SECRETARY OF STATE FOR ENERGY  
THAMES HOUSE SOUTH  
MILLBANK LONDON SW1P 4QJ  
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Andrew Turnbull Esq  
Private Secretary to the  
Prime Minister  
10 Downing Street  
LONDON SW1

19 October 1984

*Dear Andrew*

ENDURANCE

I attach the latest reports on power station  
endurance and stock statistics.           

Copies also go to Margaret O'Mara and  
Richard Hatfield.

*Yours  
John*

J S NEILSON  
Private Secretary

COVERING SECRET



## POWER STATION ENDURANCE

1. Coal deliveries to CEGB power stations last week were 0.68 mt (including non-NCB sources). Coal burn was 0.71 mt and thus stocks decreased by 0.03 mt. The Board's stocks last Sunday night (14 October) were 14.7 mt with a further 0.9 mt at Scottish power stations.
- 64 2. Total NCB deliveries last week were 0.87 mt of which about 0.23 mt went to customers other than power stations.
3. The average rate of coal deliveries to CEGB power stations over the whole period of the strike has been 0.48 mt per week. The average over the past eight weeks has been 0.62 mt.
4. The range of endurance outcomes is estimated by the CEGB as follows:

<u>Average coal deliveries</u>	<u>Oil burn (% of maximum)</u>	
	<u>90%</u>	<u>100%</u>
0.30 mt/week	early Feb	mid Feb
0.35	early Feb	late Feb
0.40	mid Feb	early March
0.45	late Feb	mid March
between 0.45 and 0.52	-	(see Note)
above 0.52	-	Autumn 1985

Note: Between 0.45 and 0.52 mt/week it is particularly difficult to forecast endurance with confidence. The margin needed to extend endurance from spring (March/April) throughout the summer is small, as Sir Walter Marshall has explained.

Department of Energy  
18 October 1984

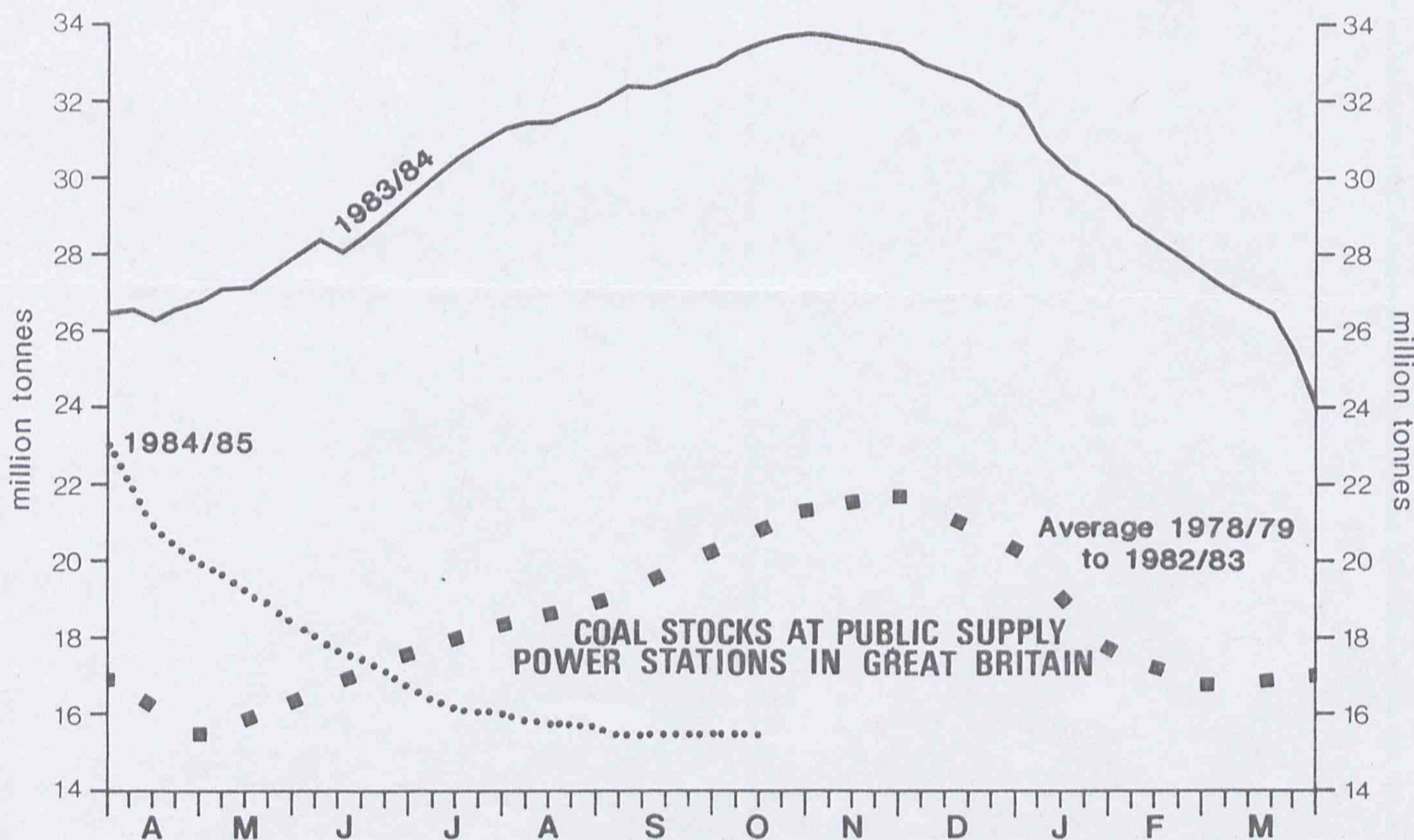
WEEKLY COAL AND POWER STATION STATISTICS (1)

EcS Division, Dept. of Energy, Thames House South, Millbank SW1P 4QJ. Phone: 01-211-6928

Week ending ..... 15.10.83 : 22.9.84 29.9.84 6.10.84 13.10.84

COAL	PRODUCTION	deep mines+	2.21 :	0.44	0.43	0.54	0.53
	(m. tonnes)	opencast+	0.30 :	0.27	0.30	0.28	0.31
		TOTAL	2.52 :	0.71	0.73	0.81	0.84
COAL	PRODUCTIVITY(2)	'overall' o.m.s	2.61 :	2.08	1.97	..	..
	(tonnes/manshift)	'production' o.m.s	10.88 :	10.91	11.90	..	..
UNDISTRIBUTED STOCK							
	(m. tonnes)	TOTAL	24.05 :	22.39	22.10	22.02	21.97
STATIONS	COAL STOCKS	(m. tonnes)	33.64 :	15.48	15.56	15.57	15.52
	COAL CONSUMPTION	"	1.54 :	0.60	0.63	0.69	0.73
	COAL RECEIPTS	"	1.68 :	0.68	0.70	0.70	0.68
STATIONS	OIL STOCKS(3)	"	1.40 :	1.37	1.26	1.12	1.23
	OIL CONSUMPTION(3)	"	0.07 :	0.53	0.54	0.55	0.49
	OIL RECEIPTS(3)	"	0.14 :	0.53	0.39	0.36	0.56
POWER	ELECTRICITY SUPPLIED (4)	(GWh)	:				
	Nuclear	"	690 :	805	815	802	838
	Other Steam	"	3,727 :	3,407	3,510	3,679	3,612
	TOTAL	"	4,418 :	4,212	4,326	4,480	4,450
	TOTAL - temperature corrected	"	4,391 :	4,149	4,261	4,292	..

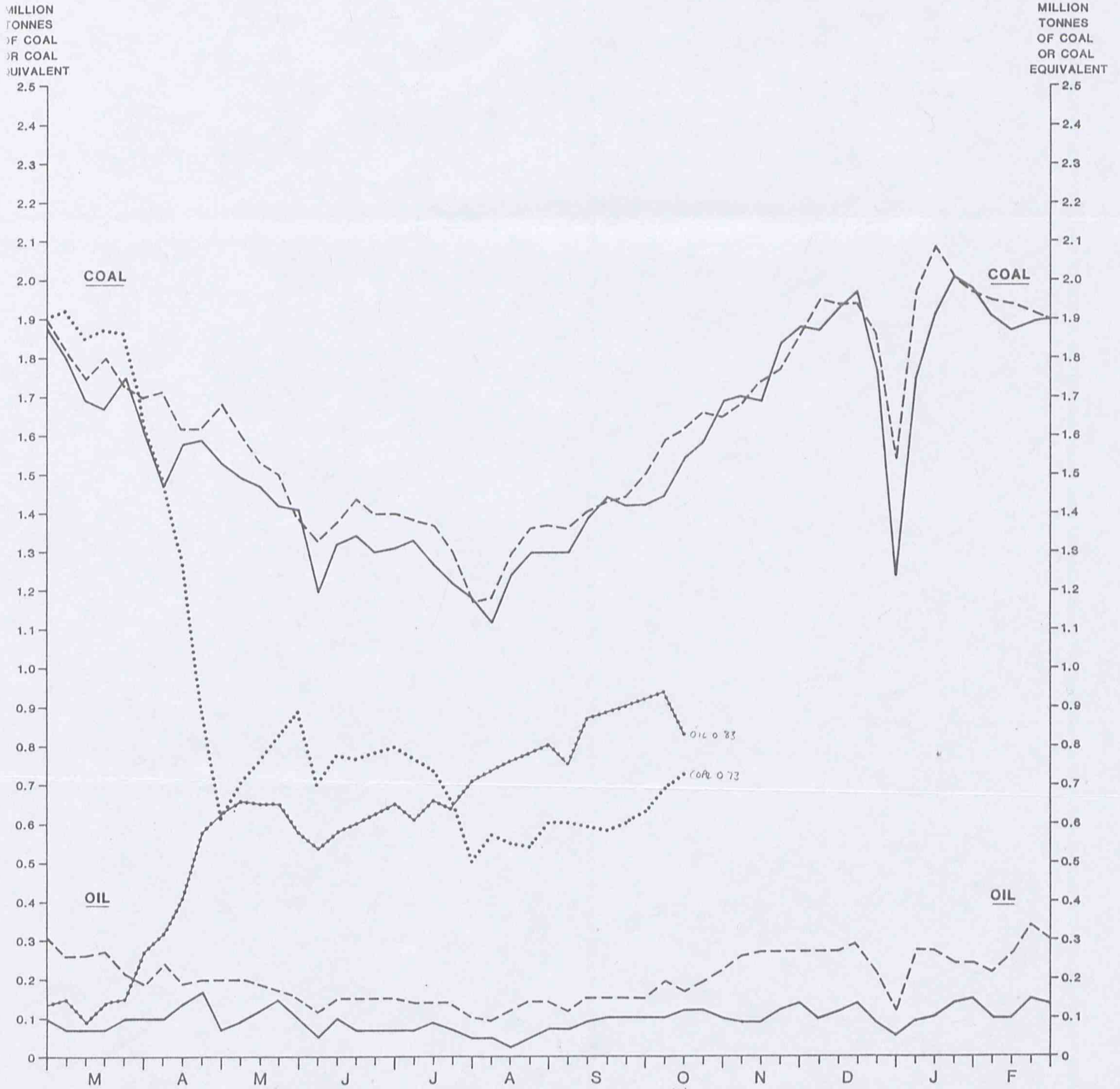
(1) Great Britain unless otherwise stated. All latest figures are subject to revision.  
 (2) NCB mines only. (3) Oil-fired boilers only. (4) Steam stations only.  
 data not yet available. + includes licensed production.



### COAL CONSUMPTION AND OIL CONSUMPTION (OIL FIRED) AT PUBLIC SUPPLY POWER STATIONS IN GREAT BRITAIN

Key

- COAL ..... } March 84 to February 85
- OIL ..... } March 84 to February 85
- March 83 to February 84
- Average 1977/78 to 1981/82



Nat Ind: Coal Pt 13.

UNITED STATES GEOLOGICAL SURVEY  
BUREAU OF ECONOMIC GEOLOGY

Geological Survey of India  
Department of Geology

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