



*JMB*  
*28/7*

2 MARSHAM STREET  
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01-212 3434  
My ref:

Your ref:

**23** July 1984

*Dear David*

SELLAFIELD

As you know, my Secretary of State's minute to the Prime Minister of 20 July will form the basis of tomorrow's meeting on Sellafield.

The Prime Minister, and other colleagues, may find the attached note (which summarises the four options) useful for the meeting.

I am sending a copy of this letter and the table to the private secretaries of those who received a copy of my Secretary of State's minute: The Lord President, the Secretaries of State for Foreign and Commonwealth Affairs, Energy, Northern Ireland, Defence, Scotland, Wales, Social Services, Trade and Industry, Employment and Transport, the Minister for Agriculture and the Chief Secretary, and the Secretary of the Cabinet.

*Yours ever,*

*A C Allberry*

A C ALLBERRY  
Private Secretary

David Barclay Esq



CONFIDENTIAL

REDUCTION OF SELLAFIELD DISCHARGES:

SUMMARY OF THE OPTIONS

OPTION 1: Cost £280m at 1984 prices. Major reductions: alpha discharges to 17 Ci a year by 1992 and beta/gamma discharges to 8000 Ci a year. Defects: no major benefit in the period 1986-1992, no room for subsequent improvement or margin for unforeseen circumstances.

OPTION 2: Cost £290m. Major reductions: as in option 1, but by 1989. Defects: the company argue this date cannot be guaranteed, other defects as in option 1.

OPTION 3: Cost £525m. Major reductions: alpha discharges to 15Ci, and beta/gamma discharges to below 5500 Ci and perhaps (further study by consultants needed) to 3500 Ci, both by 1992. Defect: no major benefit in the period 1986-1992.

OPTION 2 + OPTION 3: Cost £565m. Major reductions: alpha discharges to 17 Ci a year by 1989, beta/gamma discharges to below 5500 Ci a year by 1992. The aim is to combine early action as in option 2 with the longer-term benefits of option 3.

OPTION 4: Cost £2510m. Major reductions: alpha discharges to 5Ci a year by 1995, beta/gamma discharges to 8000 Ci a year by 1992 and 500 Ci a year by 1995. Defects: slow and expensive, would also produce much larger quantities of solid waste for disposal than the other options.

DOE/RWA

23 July 1984



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