



MRS S C GOULTY
FINANCE & SECRETARIAT (NUCLEAR)1

D/DGSM/CSSE/Sec(Nuc) 5/143

Mr R Evans
6 Birtwhistle House
150 Parnell Road
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DPA

**Defence
Procurement
Agency**

DGSM/CSSE
Defence Procurement Agency,
Ministry of Defence
Rowan 1a, #164
MOD Abbey Wood
Bristol, BS34 8JH

Switchboard: 0117 91 3000

16 June 1999

Dear Mr Evans

REQUEST FOR DOCUMENTS - PQ 84348

The documents you requested in your letter of 30 May are enclosed. I have had to use two boxes, and have enclosed a copy of this letter in each box. This is Box One of Two.

If you wish to make a complaint that your request for information has not been properly dealt with, you should appeal to The Ministry of Defence, OMD 14, Rm 617, Northumberland House, Northumberland Avenue, London WC2N 5BP. You may at any time register a complaint with the Parliamentary Commissioner for Administration (the Ombudsman) through your Member of Parliament, but the Ombudsman will expect you to have exhausted the internal Ministry of Defence complaints procedure first.

*Yours sincerely
S C Goulty*

S C GOULTY

AN EXECUTIVE AGENCY OF THE MINISTRY OF DEFENCE



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Protective Marking

AWE Bid Control Note
MOD Question/ AWE Answer

Tender Number:

Unique ID Ref:

Date:

1 MOD 1 Q 54

22-Feb-99

MOD Question:

In order that we can understand the full environmental impact, would you please provide a list of all Discharge Consents relating to the site along with the conditions attached and maximum flow of all discharges that are subjected to a change.

MOD Originator:

MOD Release Authority:

AWE Response Time Category:

Enter A (5 days), B (10 days), C (15 days) or D (specified days)

The response time required for Category D, if selected, shall be: working days

AWE Answer:

See Attachment Ref: 1 MOD 1 Q 54 (pages 1- 6)

AWE Source/ Document Reference(s):

AWE Owner Name:

Date:

AWE Peer Review Approval:

Date:

AWE Bid Support Office Authorisation for Release:

Date:

09/03/99

MOD Authorisation:

The AWE Answer is Delivered

Signature:

Reference (if applicable):

Print Name:

Date:

Protective Marking

Ref: 1 MOD 1 Q 54

Sheet 1

Schedule	Waste Route	Contaminant	Units	Daily limit	Monthly limit	Quarterly limit	Annual limit
AWE(A) Air schedule 1 - alpha	atmosphere	alpha	kBq			70	350
AWE(A) Air schedule 1 - beta	atmosphere	beta	kBq			1000	4500
AWE(A) Air schedule 1 - tritium	atmosphere	tritium	GBq			4000	20000
AWE(B) Air schedule 1 - alpha	atmosphere	alpha	kBq		90	4	20
AWE(C) Air schedule 1 - depleted uranium	atmosphere	depleted uranium	kBq	2			750
AWE(F) Air schedule 1 - depleted uranium	atmosphere	depleted uranium	kBq			30000	150000
AWE(A) Air schedule 2 - alpha	atmosphere	alpha	Bq			60	300
AWE(B) Air schedule 2 - tritium	atmosphere	tritium	GBq			60000	300000
AWE(A) Air schedule 3 - tritium	atmosphere	tritium	GBq			200	1000
AWE(B) Air schedule 3 - Kr-85	atmosphere	Kr-85	GBq			170	400
AWE(A) Air schedule 4 - krypton	atmosphere	Kr-85	MBq			10000	50000
AWE(B) Air schedule 4 - tritium	atmosphere	tritium	MBq			40	100
AWE(A) Air schedule 5 - beta	atmosphere	beta	kBq			80	400
AWE(A) Air schedule 6 - alpha	atmosphere	alpha	Bq			20000	100000
AWE(A) Air schedule 6 - beta	atmosphere	beta	Bq			4000	20000
AWE(A) Air schedule 6 - tritium	atmosphere	tritium	GBq				12
AWE(A) Liquid transfer to Rechem Intl. - tritium	Liquid transfer to Rechem	tritium	MBq				2
AWE(A) Liquid transfer to Rechem Intl. - volume	Liquid transfer to Rechem	volume	M-3				5
AWE(B) Liquid transfer to AWE(A) - uranium	Liquid transfer to AWE(A)	uranium	MBq				20
AWE(B) Liquid transfer to AWE(A) - volume	Liquid transfer to AWE(A)	volume	M-3				60
AWE(A) Solid transfer to Drigg - other alpha	Solid transfer to Drigg	other alpha emitters	GBq				0.55
AWE(A) Solid transfer to Drigg - Co-60	Solid transfer to Drigg	Co-60	GBq				400
AWE(A) Solid transfer to Drigg - other RN	Solid transfer to Drigg	other radionuclides	GBq				0.03
AWE(A) Solid transfer to Drigg - Ra-226/Th-232	Solid transfer to Drigg	Ra-226/Th-232	GBq				42
AWE(A) Solid transfer to Drigg - tritium	Solid transfer to Drigg	tritium	GBq				18
AWE(A) Solid transfer to Drigg - Uranium	Solid transfer to Drigg	uranium	GBq				3000
AWE(A) Solid transfer to Drigg - volume	Solid transfer to Drigg	volume	M-3				10
AWE(B) Solid transfer to AWE(A) - uranium	Solid transfer to AWE(A)	uranium	MBq				32
AWE(B) Solid transfer to AWE(A) - volume	Solid transfer to AWE(A)	volume	M-3				22
AWE(C) Solid transfer to Winfrith - depleted uranium	Solid transfer to Winfrith	depleted uranium	GBq				500
AWE(F) Solid transfer to AWE(A) - depleted uranium	Solid transfer to AWE(A)	depleted uranium	MBq				0.6
AWE(A) Solid transfer to Winfrith - other alpha	Solid transfer to Winfrith	other alpha emitters	GBq				0.12
AWE(A) Solid transfer to Winfrith - Co-60	Solid transfer to Winfrith	Co-60	GBq				1.2
AWE(A) Solid transfer to Winfrith - other RN	Solid transfer to Winfrith	other radionuclides	GBq				0.12
AWE(A) Solid transfer to Winfrith - tritium	Solid transfer to Winfrith	tritium	GBq				3.5
AWE(A) Solid transfer to Winfrith - uranium	Solid transfer to Winfrith	uranium	GBq				2700
AWE(A) Solid transfer to Winfrith - volume	Solid transfer to Winfrith	volume	M-3				900
AWE(C) Solid transfer to AWE(A) - depleted uranium	Solid transfer to AWE(A)	depleted uranium	MBq			30	150
AWE(A) Liquid schedule 1 - alpha	water-Thames	alpha	MBq				

Sheet I

AWE(A) Trade effluent - Chromium	Trade effluent	Chromium	mg/l			
AWE(A) Trade effluent - Copper	Trade effluent	Copper	mg/l			
AWE(A) Trade effluent - Mercury	Trade effluent	Mercury	mg/l			
AWE(A) Trade effluent - Nickel	Trade effluent	Nickel	mg/l			
AWE(A) Trade effluent - Lead	Trade effluent	Lead	mg/l			
AWE(A) Trade effluent - pH	Trade effluent	pH	pH			
AWE(A) Trade effluent - Sulphur dioxide	Trade effluent	Available sulphur dioxide	mg/l			
AWE(A) Trade effluent - Settleable solids	Trade effluent	Settleable solids	mg/l			
AWE(A) Trade effluent - Volume discharge	Trade effluent	Volume discharge	m ³	1000		
AWE(A) Trade effluent - Zinc	Trade effluent	Zinc	mg/l			
AWE(A) PPL - Biochemical Oxygen Demand	Pangbourne pipeline	Biochemical oxygen demand	mg/l			
AWE(A) PPL - Chromium	Pangbourne pipeline	Chromium	ug/l			
AWE(A) PPL - Copper	Pangbourne pipeline	Copper	ug/l			
AWE(A) PPL - Iron	Pangbourne pipeline	Iron	ug/l			
AWE(A) PPL - Ammonical nitrogen	Pangbourne pipeline	Ammonical nitrogen	mg/l			
AWE(A) PPL - Nickel	Pangbourne pipeline	Nickel	ug/l			
AWE(A) PPL - Oil	Pangbourne pipeline	Oil	mg/l			
AWE(A) PPL - Lead	Pangbourne pipeline	Lead	ug/l			
AWE(A) PPL - pH	Pangbourne pipeline	pH	pH			
AWE(A) PPL - Uranium	Pangbourne pipeline	Uranium	ug/l			
AWE(A) PPL - Volume	Pangbourne pipeline	Volume	m ³	300		
AWE(A) PPL - Zinc	Pangbourne pipeline	Zinc	ug/l			

		Rolling
		Rolling
		Rolling
		Rolling
		Rolling
		Calander
		Calander
		Rolling
		Rolling
	0.5	Calander
		Calander
		Maximum Concentration
	0.01	Calander
	0.5	Calander
		Calander
		Calander
		Maximum Concentration
	0.01	Cylinder
	0.5	Calander
	120	Calander
	5	Calander
	0.5	Calander
	650	Calander
	140	Calander
	1500	Calander
		Calander
		Calander
		Calander
	0.15	Calander
	5	Calander
		Maximum Concentration
	5	Maximum Concentration
	5	Maximum Concentration
	5	Maximum Concentration
	5	Maximum Concentration
	11	
6		V
	5	Maximum Concentration
	0.2	Maximum Concentration
	50	Maximum Concentration
	5	Maximum Concentration
	500	Maximum Concentration

6	3	Maximum Concentration
	3	Maximum Concentration
	0.001	Maximum Concentration
	2	Maximum Concentration
	3	Maximum Concentration
	11	Maximum Concentration
	5	Maximum Concentration
	1000	Maximum Concentration
		V
6,5	3	Maximum Concentration
	20	Maximum Concentration
	100	Maximum Concentration
	50	Maximum Concentration
	150	Maximum Concentration
	10000	Maximum Concentration
	15	Maximum Concentration
	200	Maximum Concentration
	20	Maximum Concentration
	100	Maximum Concentration
6,5	9	Maximum Concentration
	1000	Maximum Concentration
		V
	400	Maximum Concentration