British Energy
PART OF EDF ENERGY

[redacted]
Health and Safety Executive
Nuclear Directorate
Redgrave Court
4S.1 Merton Road
BOOTLE
Merseyside
L20 7HS

Our Ref: NC/PH/BW
Unique No: HPB 51102 N

28 August 2009

Dear [redacted]

BRITISH ENERGY GENERATION LIMITED
HINKLEY POINT B POWER STATION – NUCLEAR SITE LICENCE No 62A
Reactor 3 Start-up Meeting Action 4 (NS)

I am writing to provide you with a response to the remaining non-start-up action placed at the 2009 Reactor 3 Start-up meeting held on 22 July 2009.

Action 4 (NS) Provide long term plan for cleaning of gas bypass plant area following contamination event.

Following the initial event the decontamination has been divided into three phases.

Phase 1 – to carry out decontamination to ensure that operational activities could be carried out in C2 conditions without the need for respirators. A managerial decision was made to put on hold pre-start checks on reactor 3 in order for decontamination to continue so that any airborne hazard was removed before access for operational requirements was allowed. This phase was completed on 28 July 2009.

Phase 2 – to continue decontamination to ensure that all accessible areas have been cleared to background contamination levels. This work has been continuing throughout the gas bypass plant such that the control room area accessible areas are now at background levels. A mobile platform has been used to access upper areas to allow decontamination to continue. Reactor 3 end of the area has been cleared to allow the autoclaves sub-change room to be used as the dressing/undressing point for access to the gas bypass plant. Cleaning of the upper mezzanine platforms of reactor 3 end is almost complete; the reactor 4 upper mezzanine platforms are currently being monitored and it is anticipated that a minimal amount of cleaning will be required. Scaffold has been erected to allow access to upper levels between the two mezzanine platforms to progress cleaning there. In accordance with station procedures access to the mezzanine platforms is prevented during refuelling. On completion of reactor 4 refuelling, which is programmed for next week, access will be possible to the upper levels once again to complete cleaning in that area and thereby clearing all accessible areas from the reactor 4 access door to the reactor 3 access door.

British Energy Generation Ltd
Hinkley Point B Power Station
Near Bridgwater
Somerset TA5 1UD

T: +44 (0)1278 654600
F: +44 (0)1278 654610
www.british-energy.com

Registered Office: Barnett Way, Barnwood, Gloucester GL4 3RS. Registered in England and Wales number 4027448.

The company is part of EDF Energy.

Template ref. BEG/FORM/COMM/013 Rev 000

Powering the low carbon generation

British Energy
PART OF EDF ENERGY

The plan for phase 2 is attached. It is shown with two options. Option 1 will be followed if cleaning of reactor 4 end of the gas bypass plant is not required, and option 2 will be followed if cleaning is required. The dates on the plan will vary depending upon the reactor 4 refuelling programme. It is known that asbestos dust is present under the floor plates of the walkway in the area and this needs to be cleaned to allow project work to commence. The final stage of phase 2, whether option 1 or 2 is followed, will be to clean under the floor plates and remove asbestos and radioactive dust. This is planned to be completed by 24 October 2009.

At the end of phase 2 it is expected that the gas bypass plant will remain at C2 classification due to residual activity in inaccessible areas. This will be determined by my Head of Radiological Protection.

Phase 3 – to continue decontamination of inaccessible areas if it is deemed reasonably practicable to do so. As you are aware the gas bypass plant is a high ceiling room with numerous cable trays, ledges, pipes and ducting that are inaccessible. To make access to these places a large amount of scaffolding will need to be erected and the decontamination will be an extensive process. A plan for this phase has not been fully developed as it may be determined that it is not reasonably practicable to carry out bulk decontamination of the inaccessible areas, and that decontamination will only take place when access is made to carry out other work.

If you require any further information please contact [redacted] on [redacted]

Yours sincerely

[redacted]

Enc:

British Energy Generation Ltd
Hinkley Point B Power Station
Near Bridgwater
Somerset TA5 1UD

T: +44 (0)1278 654600
F: +44 (0)1278 654610
www.british-energy.com

Registered Office: Barnett Way, Barnwood, Gloucester GL4 3RS. Registered in England and Wales number 5076445
The company is part of EDF Energy.

Powering the low carbon generation

British Energy
PART OF EDF ENERGY

HPB 51102 N dated 28 August

No	Commitment	AR reference	Due date
1	Complete phase 2 decontamination of the gas bypass plant	AR 556028	24/10/09

British Energy Generation Ltd
Hinkley Point B Power Station
Near Bridgwater
Somerset TA5 1UD

T: +44 (0)1278 654600
F: +44 (0)1278 654610
www.british-energy.com

Registered Office: Barnett Way, Barnwood, Gloucester GL4 3RS. Registered in England and Wales number 5076445.

The company is part of EDF Energy.

Template ref. BEG/FORM/COMM/013 Rev 000

Powering the low carbon generation

Internal copy circulation list

SRD number file [redacted]

Peer checked by: [redacted] ..... [redacted] ...28/08/09...(date)

Independently verified by: [redacted] 28/08/09 .....(date)

British Energy Generation Ltd
Hinkley Point B Power Station
Near Bridgwater
Somerset TA5 1UD

T: +44 (0)1278 654600
F: +44 (0)1278 654610
www.british-energy.com

Registered Office: Barnett Way, Barnwood, Gloucester GL4 3RS. Registered in England and Wales number 4029449.

The company is part of EDF Energy.

Template ref. BEG/FORM/COMM/013 Rev 000

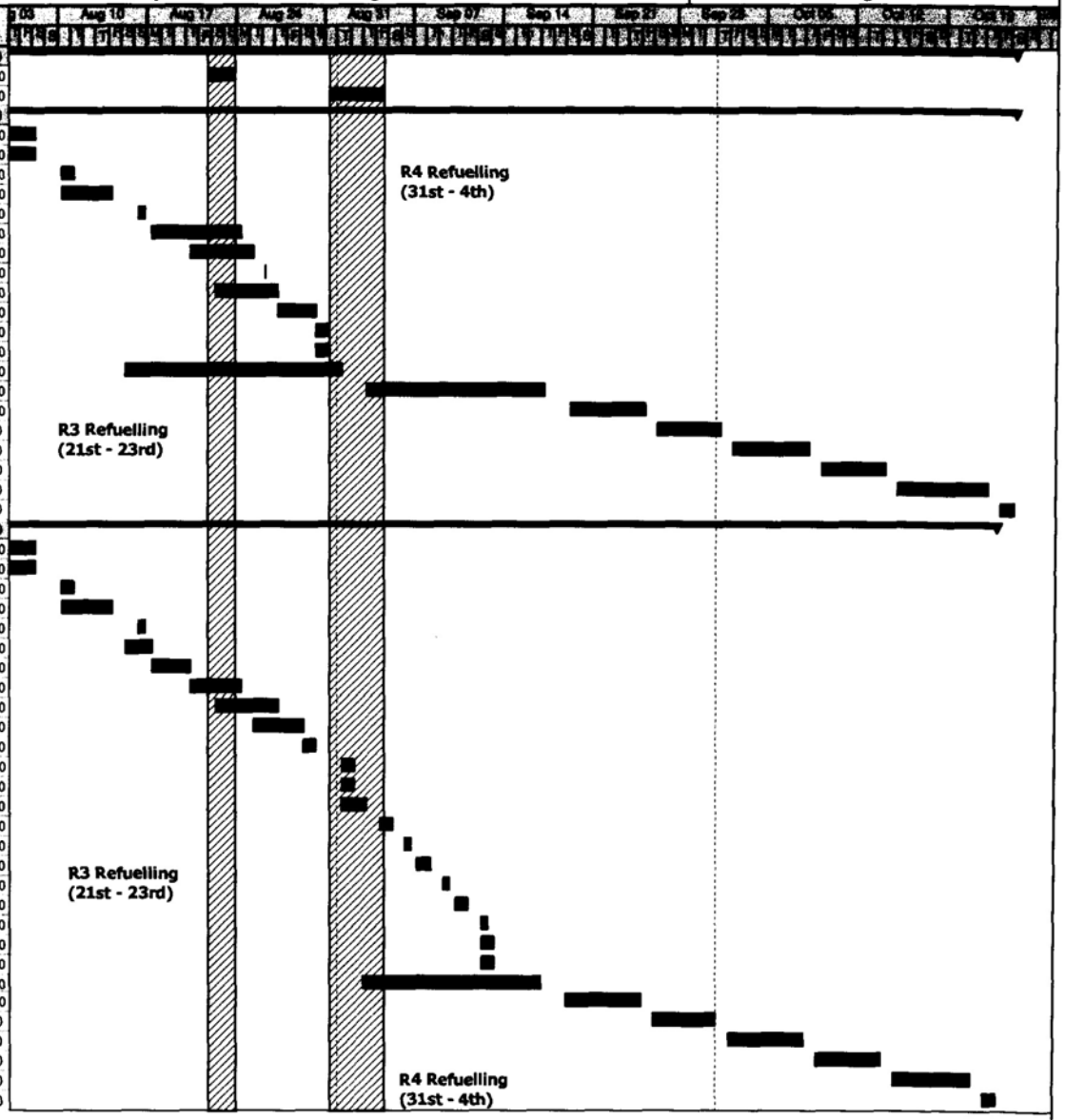
Powering the low carbon generation

GAS BYPASS PLANT CLEAN UP Phase 2

Hinkley Point B R3 023 Stat Outage 2009

21-Aug-09 11:33

Activity ID	Activity Name	Original Duration	Start	Finish
GBPCU	GAS BYPASS PLANT CLEAN UP	1920.0h	05-Aug-09 08:00	24-Oct-09 08:00
A1660	R3 Refuelling	51.0h	21-Aug-09 17:...	23-Aug-09 20:00
A1670	R4 Refuelling	105.0h	31-Aug-09 08:...	04-Sep-09 17:00
GBPCU.1	Option 1	1920.0h	05-Aug-09 08:00	24-Oct-09 08:00
A1000	Complete Mezzainaning Area	72.0h	05-Aug-09 08:...	08-Aug-09 08:00
A1010	Build Mobile Platform	72.0h	05-Aug-09 08:00	08-Aug-09 08:00
A1020	Build 2 Tier C2 Scaffold	24.0h	10-Aug-09 08:00	11-Aug-09 08:00
A1030	Clean Control Room High Level Areas	96.0h	10-Aug-09 08:00	14-Aug-09 08:00
A1500	Build 3rd Tier of C2 Scaffold	12.0h	16-Aug-09 08:00	16-Aug-09 20:00
A1050	Clean Top Level Scaffold	168.0h	17-Aug-09 08:...	24-Aug-09 08:00
A1070	Clean Second Level Scaffold	120.0h	20-Aug-09 08:...	25-Aug-09 08:00
A1090	Clean Lower Level Scaffold	0.0h	26-Aug-09 08:00	26-Aug-09 08:00
A1520	Clean Autoclave Room	120.0h	22-Aug-09 08:...	27-Aug-09 08:00
A1060	Remove Scaffold	72.0h	27-Aug-09 08:...	30-Aug-09 08:00
A1110	Remove Scaffold From C2 Area	24.0h	30-Aug-09 08:00	31-Aug-09 08:00
A1120	Clean Up Area	24.0h	30-Aug-09 08:00	31-Aug-09 08:00
A1040	Remove The Mobile Platform	408.0h	15-Aug-09 08:00	01-Sep-09 08:00
A1130	14 Days Notification HSC	336.0h	03-Sep-09 08:...	17-Sep-09 08:00
A1140	Stage 1 Asbestos Clean Up	144.0h	19-Sep-09 08:00	25-Sep-09 08:00
A1150	Stage 2 Asbestos Clean Up	120.0h	26-Sep-09 08:00	01-Oct-09 08:00
A1160	Stage 3 Asbestos Clean Up	144.0h	02-Oct-09 08:00	08-Oct-09 08:00
A1170	Stage 4 Asbestos Clean Up	120.0h	09-Oct-09 08:00	14-Oct-09 08:00
A1180	Stage 5 Asbestos Clean Up	168.0h	15-Oct-09 08:00	22-Oct-09 08:00
A1190	Clean Up Area	24.0h	23-Oct-09 08:00	24-Oct-09 08:00
GBPCU.2	Option 2 - (If R4 Side To Be Cleaned)	1888.0h	05-Aug-09 08:00	23-Oct-09 00:00
A1680	Complete Mezzainaning Area	72.0h	05-Aug-09 08:...	08-Aug-09 08:00
A1690	Build Mobile Platform	72.0h	05-Aug-09 08:00	08-Aug-09 08:00
A1700	Build 2 Tier C2 Scaffold	24.0h	10-Aug-09 08:00	11-Aug-09 08:00
A1710	Clean Control Room High Level Areas	96.0h	10-Aug-09 08:00	14-Aug-09 08:00
A1720	Build 3rd Tier of C2 Scaffold	12.0h	16-Aug-09 08:00	16-Aug-09 20:00
A1730	Remove The Mobile Platform	48.0h	15-Aug-09 08:00	17-Aug-09 08:00
A1740	Clean Top Level Scaffold	72.0h	17-Aug-09 08:00	20-Aug-09 08:00
A1750	Clean Second Level Scaffold	96.0h	20-Aug-09 08:00	24-Aug-09 08:00
A1760	Clean Autoclave Room	120.0h	22-Aug-09 08:...	27-Aug-09 08:00
A1770	Clean Lower Level Scaffold	96.0h	25-Aug-09 08:00	29-Aug-09 08:00
A1780	Remove Scaffold	24.0h	29-Aug-09 08:00	30-Aug-09 08:00
A1800	Remove Scaffold From C2 Area	24.0h	01-Sep-09 08:00	02-Sep-09 08:00
A1810	Clean Up Area	24.0h	01-Sep-09 08:00	02-Sep-09 08:00
A1400	Build Scaffold R4 End	48.0h	01-Sep-09 08:...	03-Sep-09 08:00
A1410	Clean Top Level	24.0h	04-Sep-09 08:00	05-Sep-09 08:00
A1420	Remove Top Level Scaffold	12.0h	06-Sep-09 08:00	06-Sep-09 20:00
A1430	Clean Second Level	24.0h	07-Sep-09 08:00	08-Sep-09 08:00
A1440	Remove Second Level	12.0h	09-Sep-09 08:00	09-Sep-09 20:00
A1450	Clean Lower Level Scaffold	24.0h	10-Sep-09 08:00	11-Sep-09 08:00
A1460	Remove Lower Level Scaffold	12.0h	12-Sep-09 08:00	12-Sep-09 20:00
A1470	Remove Scaffold From C2 Area	24.0h	12-Sep-09 08:00	13-Sep-09 08:00
A1480	Clean Up Area	24.0h	12-Sep-09 08:00	13-Sep-09 08:00
A1490	14 Day Notification HSC	336.0h	03-Sep-09 00:...	17-Sep-09 00:00
A1340	Stage 1 Asbestos Clean Up	144.0h	19-Sep-09 00:00	25-Sep-09 00:00
A1350	Stage 2 Asbestos Clean Up	120.0h	26-Sep-09 00:00	01-Oct-09 00:00
A1360	Stage 3 Asbestos Clean Up	144.0h	02-Oct-09 00:00	08-Oct-09 00:00
A1370	Stage 4 Asbestos Clean Up	120.0h	09-Oct-09 00:00	14-Oct-09 00:00
A1380	Stage 5 Asbestos Clean Up	144.0h	15-Oct-09 00:00	21-Oct-09 00:00
A1390	Clean Up Area	24.0h	22-Oct-09 00:00	23-Oct-09 00:00



Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: All Activities

(c) Primavera Systems, Inc