



**ENVIRONMENT  
AGENCY**

## Variation Notice with introductory note

Pollution Prevention and Control Regulations 2000

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**Deeside Paper Mill**

**UPM-Kymmene (UK) Limited  
Weighbridge Road  
Shotton  
Flintshire  
CH5 2LL**

Variation Notice number

**JP3030LM**

Permit number

**BT4885**

## Introductory note

This introductory note does not form a part of the Variation Notice.

The following Notice is issued under Regulation 17 of The Pollution Prevention and Control (England and Wales) Regulations 2000 (S.I.2000 No. 1973 (as amended) (the "Regulations") to vary the conditions of Permit number BT4885 (the "Permit") issued under the Regulations to operate the 'Deeside Paper Mill' works (the "Installation").

The Notice comprises: Schedule A containing conditions to be deleted; Schedule B conditions to be amended; and Schedule C conditions to be added. The Notice is subject to the express conditions set out in Schedules A to C.

The Permit, as amended by this Variation Notice, contains conditions which have to be complied with. It should be noted that aspects of the operation of the Installation which are not regulated by those conditions are subject to the condition implied by Regulation 12(10) of the Regulations, that the Operator shall use the best available techniques for preventing or, where that is not practicable, reducing emissions from the Installation. Techniques include both the technology used and the way in which the Installation is designed, built, maintained, operated and decommissioned.

This Variation is to comply with the requirements of the Waste Incineration (England and Wales) Regulations 2002 (SI 2002 No. 2980) (The WI Regulations) and the Pollution Prevention and Control (Waste Incineration Directive) (England and Wales) Direction 2002, which together implement the requirements of the Waste Incineration Directive (Directive EC 2000/76/EC on the Incineration of Waste WID). The Installation regulated under this Permit contains Waste Incineration Installation (as defined in the WI Regulations) in which the incineration of waste in a co-incineration plant is carried out.

The WID's requirements must be complied with by operators of waste incineration installations from 28 December 2005. The Operator has decided to cease burning wastes that would require compliance with the WID before that date. This variation amends the Permit to remove permission to burn wastes that would require compliance with the WID so as to ensure that the Permit reflects these changes.

The main purpose of the activities at the Installation is manufacture of approximately 500,000 tonnes of newsprint per annum at the Deeside Paper Mill. In the fluidised bed boiler (Boiler 2), de-inking and effluent treatment plant sludge wastes are currently used as a supplementary fuel to virgin fuels, in order to produce steam. From the 28 December 2005 the use of de-inking and effluent treatment plant sludge waste fuels will cease. The use of wood waste as a fuel is exempt from the requirements of WID and shall continue at the Permitted Installation after 28/12/2005.

**Other PPC Permits relating to this Installation**

Permit holder	Permit Number	Date of Issue
Shotton Combined Heat and Power Ltd	BJ6429	12/03/2001

**Superseded Licenses/Consents/Authorisations relating to this Installation**

Holder	Reference Number	Date of Issue
UPM-Kymmene (UK) Limited	AA6408	02/04/1992
UPM-Kymmene (UK) Limited	AU7338	16/10/1996

## Talking to us

If you contact the Agency about this Permit please quote the Permit Number.

The Operator should use the Emergency Hotline telephone number (0800 80 70 60) or any other number notified to it to give a notification under condition 5.1.1 of the Permit.

## Confidentiality

The Permit/Variation requires the Operator to provide information to the Agency. The Agency will place the information onto the public registers in accordance with the requirements of the PPC Regulations. If the Operator considers that any information provided is commercially confidential, it may apply to the Agency to have such information withheld from the register as provided in the PPC Regulations. To enable the Agency to determine whether the information is commercially confidential, the Operator should clearly identify the information in question and should specify clear and precise reasons.

## Variations to the permit

This Permit may be varied in the future. The Status Log within the Introductory Note to any such variation will include summary details of the Permit, variations issued up to that point in time and state whether a consolidated version of the Permit has been issued.

## Surrender of the permit

Before this Permit can be wholly or partially surrendered, an application to surrender the Permit has to be made. For the applicant to be successful, they would have to be able to demonstrate to the Agency, in accordance with Regulation 19 of the PPC Regulations, that there is no pollution risk and that no further steps are required to return the site to a satisfactory state.

## Transfer of the permit or part of the permit

Before the Permit can be wholly or partially transferred to another person, a joint application to transfer the Permit has to be made by both the existing and proposed holders, in accordance with Regulation 18 of the PPC Regulations. A transfer will be allowed unless the Agency considers that the proposed holder will not be the person who will have control over the operation of the Installation or will not ensure compliance with the conditions of the transferred Permit. If the Permit authorises the carrying out of a specified waste management activity, then there is a further requirement that the transferee is considered to be a "fit and proper person" to carry out that activity.

## Status Log

Detail	Date	Comment
Application BT4885	Received 11/10/2002	
Duly Made	11/10/2002	
Permit BT4885	Determined 7/2/2003	
Application for variation	Received 31/7/2003	
Duly Made	31/7/2003	
Response to request for information	Request dated 19/09/03	Response dated 23/09/03
Response to request for information	Request dated 25/09/03	Response dated 01/10/03
Response to request for information	Request dated 25/09/03 & 06/10/03	Response dated 15/10/03
Variation BV4916	Determined	05/11/03
Application for variation	Received 29/04/05	
Variation JP3030LM [to cease burning waste]	Issued 16/12/2005	

*End of introductory Note*



## Variation Notice

Permit number

**BT4885** (the "Permit")

Variation Notice number

**JP3030LM**

The Environment Agency in exercise of its powers under Regulation 17 of the Pollution Prevention and Control (England and Wales) Regulations 2000 (S.I. 2000 No. 1973) (as amended) (the "Regulations"), hereby varies the Permit held by **UPM-Kymmene (UK) Limited** (the "Operator"),

Whose Registered Office is

**Meadowhead Road  
Shewalton  
Irvine  
Scotland  
KA11 5AT**

**Company registration number SC102969**

which relates to the operation of part of an Installation at

**Deeside Paper Mill  
Weighbridge Road  
Shotton  
Deeside  
Flintshire CH5 2LL**

to the extent set out in Schedules A to C of this Variation Notice.

Signed

**M J Peacock**

Authorised to sign on behalf of the Environment Agency

Date

## SCHEDULE A - CONDITIONS TO BE DELETED

1. None

## SCHEDULE B - CONDITIONS TO BE AMENDED

1) Condition 1.1.1 shall be amended to:

1.1.1 The Operator is authorised to carry out the activities and/or the associated activities specified in Table 1.1.1 or as otherwise agreed in writing by the Agency.

**Table 1.1.1**

Activity under Schedule 1 of the Regulations/ Associated Activity	Description of specified activity	Schedule 1 Activity Reference (if applicable)	Limits of specified activity
Producing in an industrial plant paper and board where the plant has a production capacity of more than 20 tonnes per day.	Newsprint manufacture from recycled fibre, including raw material processing and despatch of finished goods to the customer.	Schedule 1, Chapter 6, Section 6.1 Part (A)1	Waste paper delivery to site. Despatch of paper to customer.
Burning any fuel in an appliance with a rated thermal input of 50 MW or more.	Three gas/oil fired boilers and one fluidised bed combustor	Schedule 1, Chapter 1, Section 1.1 Part (A)1	Fuel delivery and storage, discharge stacks and steam distribution system Excluding the burning of deinking sludge (Deinking Sludge Cake) and effluent treatment plant sludge (Primary Sludge Cake) after 27/12/05 in the fluidised bed combustor (Boiler 2).
Effluent treatment plant.	Activated sludge treatment of all liquid effluent from the papermaking activity.	Directly Associated Activity	Effluent flow from paper machines, effluent treatment, lagoons and discharge system.

2) Condition 2.3.1 shall be amended to:

2.3.1 The Permitted Installation shall, subject to the conditions of this Permit, be operated using the techniques and in the manner described in the documentation specified in Table 2.3.1, or as otherwise agreed in writing by the Agency.

**Table 2.3.1: Operating techniques**

Description	Parts	Date Received
Application	The response to question 2.3 given in the Application section 2.3; excluding Tables 2.3.1, 2.3.3, 2.3.8, 2.3.9, 2.3.10, 2.3.12, 2.3.13 and references to the burning of deinking sludge (Deinking Sludge Cake) and effluent treatment plant sludge (Primary Sludge Cake) in Boiler 2.	11/10/02
Response to Sch 4 Notice	Item 4, 9, 10,11, 12, 13, 14, 15, 16, 17, 18, 19, 20	11/10/02
Application for variation BV4916	Application for variation dated 25/07/03; excluding references to the burning of deinking sludge (Deinking Sludge Cake) and effluent treatment plant sludge (Primary Sludge Cake) in Boiler 2.	31/07/03
Response to request for information	Response dated 23/09/03	23/09/03
Application for variation JP3030LM	Application for variation dated 22/04/05.	29/04/05

3) Condition 2.5.1 shall be amended to:

2.5.1 The Operator shall, subject to the conditions of this Permit, handle and store waste as described in the documentation specified in Table 2.5.1, or as otherwise agreed in writing by the Agency.

**Table 2.5.1: Waste handling and storage**

Description	Parts	Date Received
Application	The response to question 2.5 given in the Application section 2.5; excluding Table 2.5.4 and references to the burning of deinking sludge (Deinking Sludge Cake) and effluent treatment plant sludge (Primary Sludge Cake) in Boiler 2.	11/10/02
Application for variation BV4916	Application for variation dated 25/07/03	31/07/03

4) Condition 2.6.1 shall be amended to:

2.6.1 The Operator shall, subject to the conditions of this Permit, recover and dispose of waste as described in the documentation specified in Table 2.6.1, or as otherwise agreed in writing by the Agency.

**Table 2.6.1: Waste recovery and disposal**

Description	Parts	Date Received
Application	The response to question 2.6 given in the Application section 2.6 excluding Table 2.6.1 and references to the burning of deinking sludge (Deinking Sludge Cake) and effluent treatment plant sludge (Primary Sludge Cake) in Boiler 2.	11/10/02
Application for variation BV4916	Application for variation dated 25/07/03; excluding references to the burning of deinking sludge (Deinking Sludge Cake) and effluent treatment plant sludge (Primary Sludge Cake) in Boiler 2.	31/07/03

5) Condition 2.7.1 shall be amended to:

2.7.1 The Operator shall, subject to the conditions of this Permit, use energy as described in the documentation specified in Table 2.7.1, or as otherwise agreed in writing by the Agency.

**Table 2.7 1: Energy efficiency**

Description	Parts	Date Received
Application	The response to question 2.7 given in the Application section 2.7; excluding references to the burning of deinking sludge (Deinking Sludge Cake) and effluent treatment plant sludge (Primary Sludge Cake) in Boiler 2.	11/10/02
Response to Schedule 4 Part 1 Notice	Response to questions 16 and 22	11/10/02
Additional information provided by letter	Sankey diagram.	11/10/02
Application for variation BV4916	Application for variation dated 25/07/03; excluding references to the burning of deinking sludge (Deinking Sludge Cake) and effluent treatment plant sludge (Primary Sludge Cake) in Boiler 2.	31/07/03

SCHEDULE C - CONDITIONS TO BE ADDED

NONE

END OF PERMIT VARIATION