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B. General

B.1 Owner / Operator

B.1.1 Certificate of Incorporation

A certified copy of the Certificate of Incorporation, dated 21st January 2009, is included hereunder.

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6279497/1

DUPLICATE FOR THE FILE

Number 459400



1127398

Certificate of Incorporation on change of name

I hereby certify that

XJWB LIMITED


having, by a Special Resolution of the Company,
and with the approval of the Registrar of Companies,
changed its name, is now incorporated as
a limited company under the name

ENDESA IRELAND LIMITED

and I have entered such name on the Register accordingly.

Given under my hand at Dublin, this

Wednesday, the 21st day of January, 2009


for Registrar of Companies

Certificate handed to/posted to*

Signed: 

Date: 21/1/09

*Delete as appropriate

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B.1.2 Name and Address of the Proprietor of the Land

Endesa Ireland Ltd. is the owner of the current generation site in Great Island.

Figure B.1.1 Ownership Map illustrates the location of the current site with the site boundaries and the development location for proposed new CCGT.

The “blue line boundary” on site plan identifies the licensable site, i.e. the current boundaries of the existing licensed site, whereas the “red line boundary” in the same site plan identifies the area for the new development.

The grid reference for the centre of the site is E268907.241, N114574.379.

All areas within the site boundaries are under the ownership of Endesa Ireland Ltd. with the exception of two zones:

- the onsite switchyards which remain under the ownership of the National Transmission Asset Owner and
- the Above Ground Installation (AGI) which will be under the ownership of Bord Gais Networks.

As per Figure B.1.1 – The areas outside the ownership of Endesa Ireland Ltd. are identified as “This area excluded”.

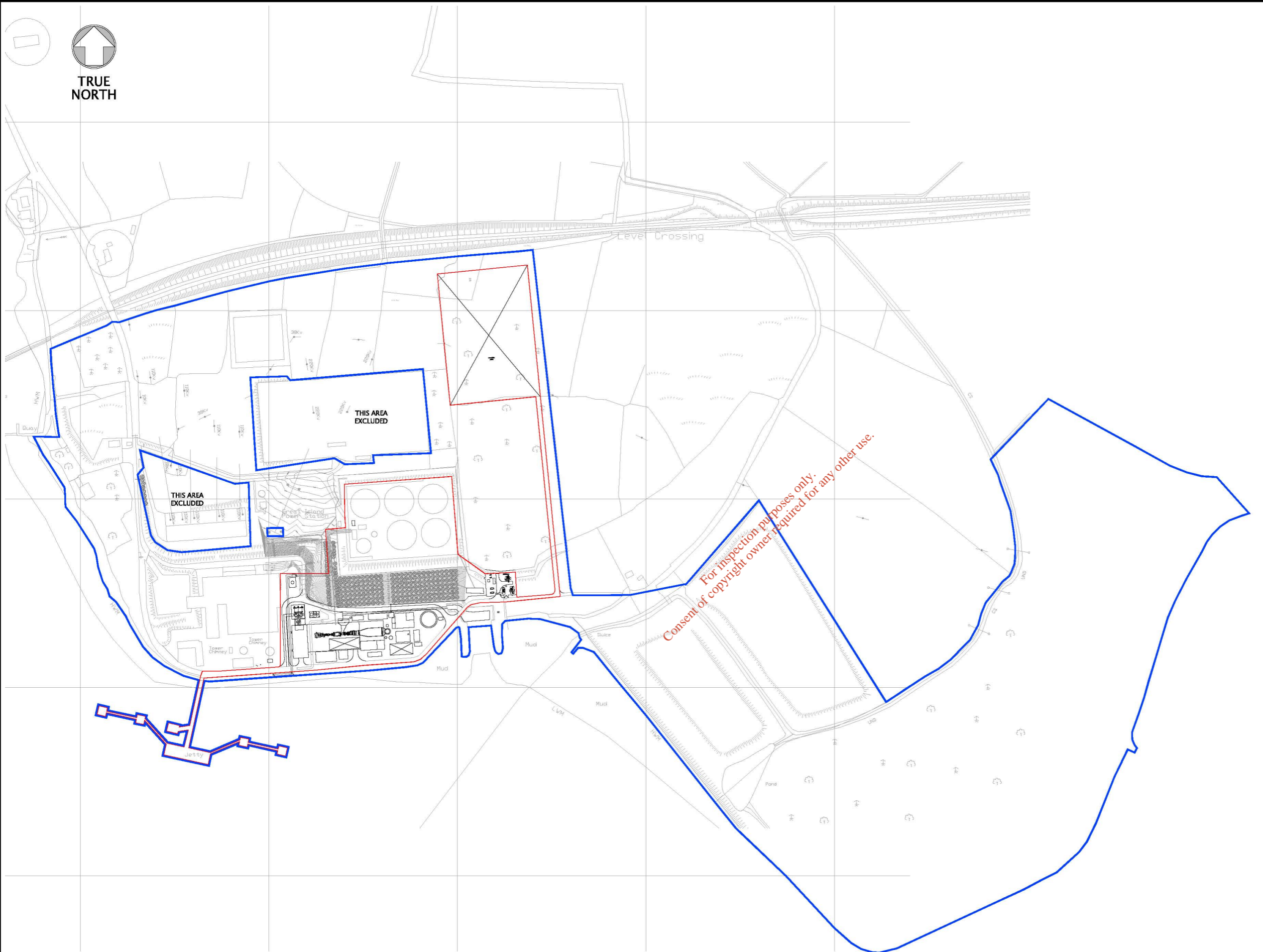
The on-site switchyards are already excluded from the current IPPC licence and the transfer of the proposed AGI asset location will be subject to contractual agreements with Gaslink (similar arrangement to the switchyards with Transmission Asset Owner), copies of which can be submitted to the EPA upon request once available.

B.2 Location of Activity

A location plan, site map and services plan are provided hereunder.

Figure B.2.1 Site Location Plan illustrates the location of the activity in Great Island, located approximately 3.5 kilometres west of Campile village and approximately 15 kilometres south of New Ross. The centre of the site is located at grid reference E 268907.241 N 114574.379.

Figure B.2.2 Proposed Site Layout Plan illustrates the site plan for the new plant, including the operational boundary. The operational area occupies approximately 19 acres of the total 143 acres of the Great Island Power Plant site.

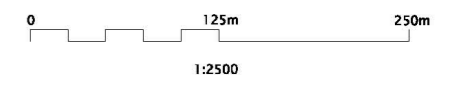


- Notes**
1. ORDNANCE SURVEY IRELAND LICENCE NO. EN0034509
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 2. ALL CO-ORDINATES SHOWN RELATE TO IRISH NATIONAL GRID CO-ORDINATES.
 3. ALL SITE LEVELS REFER TO MEAN SEA LEVEL VERTICAL DATUM AT POOLBEC.
 4. GENERAL SITE LEVEL IS +7.00M O.D.

Legend:

Site Boundary ———

Property Boundary ———



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P1	07/05/10	CC	Issued for IPPCL	DC	DMc
Rev	Date	Drawn	Description	Ch'k'd	App'd

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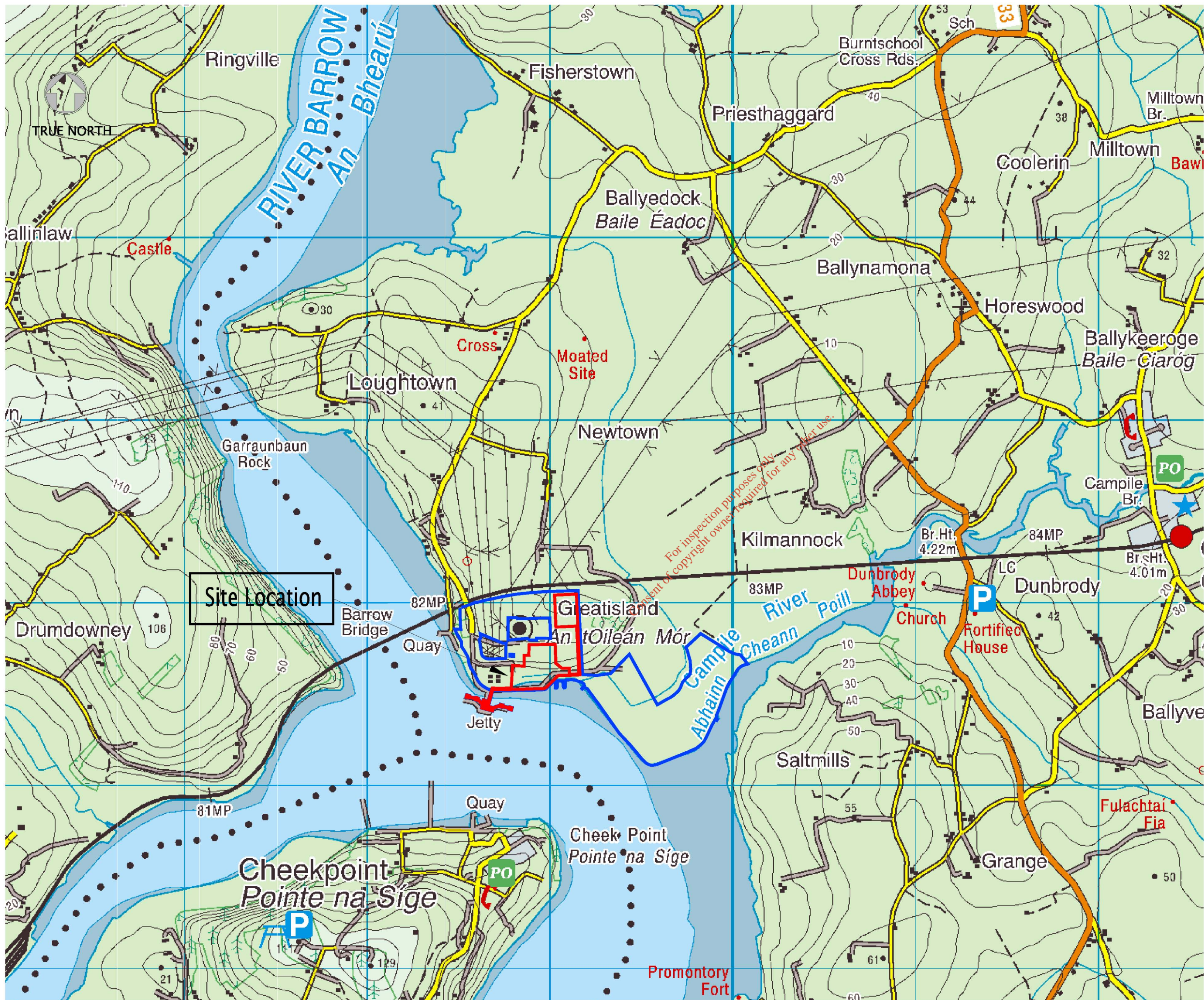
Title

Combined Cycle Gas Turbine
Great Island, Co. Wexford

Ownership Map

Designed	D. McRandal	Eng.Chk.	D. Carr
Drawn	C. Cunningham	Coordination	D. McRandal
Dwg.Chk.	C. Cunningham	Approved	D. McRandal
Scale	Project 257554	Status	APR
	CAD file Figure B.1.1	Rev	P1
Drawing No	Figure B.1.1		

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Site Boundary ———
Property Boundary ———

0 500m 1000m
1:10000

P1	07/05/10	VF	Issued for IPPCL	KMc	DMc
Rev	Date	Drawn	Description	Ch'kd	App'd

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Title
Combined Cycle Gas Turbine (CCGT)
Great Island, Co. Wexford
Site Location Plan

Designed	-	Eng.Chk.	B.Kinsella
Drawn	V.Farrell	Coordination	B.Kinsella
Dwg.Chk.	V.Farrell	Approved	B.Kinsella

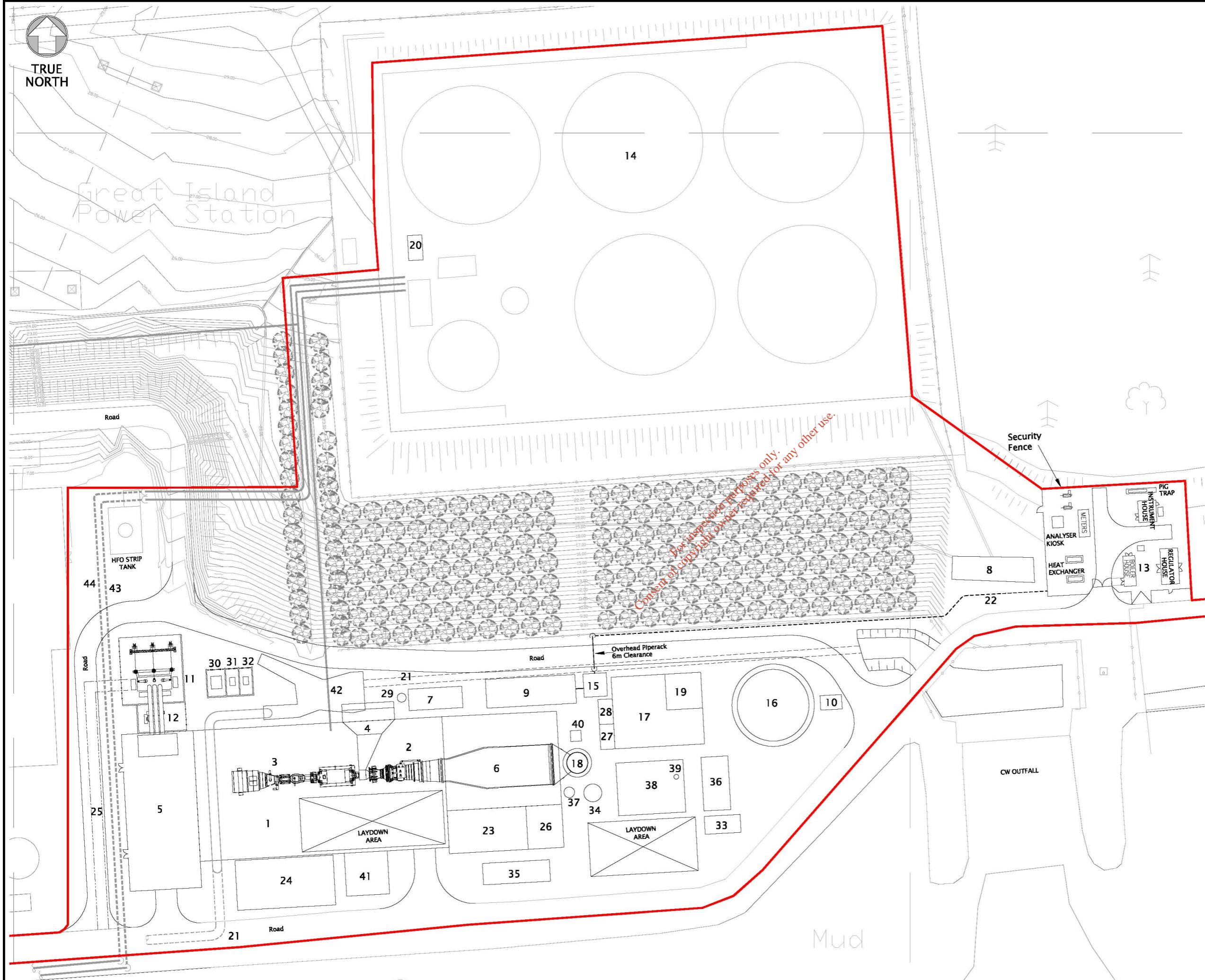
Scale: 1:10000
Project: 257554
CAD file: Figure B.2.1
Status: APR
Drawing No: Figure B.2.1
Rev: P1

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TRUE NORTH

Great Island Power Station



- Notes
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 3. ALL SITE LEVELS REFER TO MEAN SEA LEVEL VERTICAL DATUM AT POOLBEG.
 4. GENERAL SITE LEVEL IS +7.00M O.D.

- Legend:
- Boundary for New Power Station
- 1 GAS TURBINE AND STEAM TURBINE BUILDING
 - 2 GAS TURBINE
 - 3 STEAM TURBINE
 - 4 AIR INLET FILTER TO GAS TURBINE
 - 5 ELECTRICAL ANNEX & CONTROL ROOM
 - 6 HEAT RECOVERY STEAM GENERATOR (HSRG)
 - 7 CW SKID
 - 8 OIL SEPARATOR (RELOCATED)
 - 9 GAS FUEL TREATMENT SKID
 - 10 DEMINERALISED WATER SUPPLY PUMPS (NOX ABATEMENT)
 - 11 GENERATOR TRANSFORMER
 - 12 UNIT AUXILIARY TRANSFORMER
 - 13 NATURAL GAS COMPOUND AGI
 - 14 DISTILLATE OIL STORAGE TANK
 - 15 GAS COMPRESSOR
 - 16 DEHIN WATER STORAGE TANK (1 x 6,000m³)
 - 17 WATER TREATMENT PLANT BUILDING
 - 18 MAIN STACK
 - 19 FIRE PUMP HOUSE (INSIDE EXISTING BUILDING)
 - 20 DISTILLATE FUEL OIL FORWARDING PUMP SKID
 - 21 CW CULVERT
 - 22 GAS MAIN
 - 23 BOILER FEED WATER PUMPS
 - 24 FRI FAN COOLER
 - 25 RAILS IN ROAD FOR TRANSFORMER REMOVAL
 - 26 CHEMICAL INJECTION SKID
 - 27 CAUSTIC STORAGE TANK WITH BUND
 - 28 ACID STORAGE TANK WITH BUND
 - 29 GAS TURBINE OILY WATER DRAIN TANK
 - 30 STARTING TRANSFORMER
 - 31 EXCITATION TRANSFORMER
 - 32 AUXILIARY TRANSFORMER
 - 33 SEWAGE TREATMENT PLANT
 - 34 BOILER WASTE WATER DRAIN TANK
 - 35 N2/H2/CO2 STORAGE
 - 36 PROCESS WATER DISCHARGE PIT
 - 37 BLOWDOWN VESSEL
 - 38 AUXILIARY BOILER
 - 39 AUXILIARY BOILER FLUE STACK
 - 40 CONTINUOUS EMISSION MONITORING (CEM) SYSTEM
 - 41 CONDENSATE POLISHER
 - 42 DISTILLATE OIL SUPPLY PIPE TO GENERATOR
 - 43 HFO FILLING PIPE IN CONCRETE TRENCH
 - 44 DISTILLATE OIL FILLING PIPE IN CONCRETE TRENCH
- 0 25m 50m
Scale 1:500

Rev	Date	Drawn	Description	Ch'k'd	App'd
P1	07/05/10	CC	Issued for IPPCL	KMc	DMc

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Fax +353 (1) 552 8301

Title
**Combined Cycle Gas Turbine
Great Island, Co. Wexford**
Proposed Overall Site Plan

Designed	D. McRandal	Eng.Chk.	K. McGarvey
Drawn	C. Cunningham	Coordination	D. McRandal
Dwg.Chk.	K. McGarvey	Approved	D. McRandal
Scale	1:500	Project	257554
		CAD file	Figure B.2.2
Drawing No	Figure B.2.2	Status	APR
		Rev	P1

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B.3 Class of Activity

Endesa Ireland Ltd. proposes to construct a 430 MW natural gas fired Combined Cycle Gas Turbine (CCGT) power plant within the confines of the existing operational power facility at Great Island, Co. Wexford. The proposed development is considered to be included in paragraph 2.1 of PoE Act 2004 Schedule (I):

“The operation of combustion installations with a rated thermal input equal to or greater than 50 MW.”

B.4 Employees / Capital Costs

Information relating to the Employees and Capital Costs is contained in the main Application Form and in Section C Management of the Installation.

B.5 Relevant Planning Authority

A copy of the planning application for the proposed development– already submitted to An Bord Pleanala on 03/12/2009 – is included hereunder. The existing IPPC Licence for the facility is also included.

The local Planning Authority is Wexford County Council, however this project was deemed “Strategic” as per the Planning and Development Act 2000 and 2006 as amended therefore the planning application was submitted directly to An Board Pleanala.

Three (3) hard copies and eighteen (18) electronic copies of the Environmental Impact Assessment (EIS) are enclosed with this application.

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**Endesa Ireland Limited
Proposed Power Plant
Great Island
Co. Wexford**

**Planning Application
Index of Documentation**

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Documents
Planning Application Form
Schedule 1: Schedule of Plans / Drawings
Schedule 2: Pre-Application Consultations
Schedule 3: Notification to Prescribed Bodies
Attachment 1: Copy of Newspaper Notice
Attachment 2: Copy of Site Notice
Planning Application Drawings

Registered Address (of company): 3 Grand Canal Plaza 5th Floor Grand Canal Street Upper Dublin 4
Company Registration No: 459400
Telephone No. +353 (0) 1 522 8300
Email Address (if any) info@greatislandpowerproject.com
Fax Number (if any): +353 (0) 1 522 8301

4. Person / Agent acting on behalf of the Applicant (if any):

Name: Mott MacDonald Ireland Ltd Consulting Engineers
Address: South Block Rockfield Dundrum Dublin 16 Ireland
Telephone No. +353 (0) 1 291 6700
Mobile No. (if any)
Email address (if any) Donal.McRandal@mottmac.com
Fax No. (if any) +353 (0) 1 291 6747

Should all correspondence be sent to the above address? (please tick appropriate box)

(please note that if the answer is "No", all correspondence will be sent to the Applicant's address)

Yes: [] No: []

Contact Name and Contact Details (Phone number)
for arranging entry on site if required/appropriate:

Miguel Gonzalez Martin-Luengo +353 (0) 1 522 8300

5. Person responsible for preparation of Drawings and Plans:

Name: Mott MacDonald Ireland Ltd Consulting Engineers
Firm/Company: Mott MacDonald Ireland Ltd
Address: South Block Rockfield Dundrum Dublin 16 Ireland
Telephone No: +353 (0) 1 291 6700
Mobile No:
Email Address (if any): Donal.McRandal@mottmac.com
Fax No (if any): +353 (0) 1 291 6747
Details all plans/drawings submitted – title of drawings/plans, scale and no. of copies submitted. This can be submitted as a separate schedule with the application form. See Schedule 1 – Schedule of Plans / Drawings

6. Site:

Site Address/Location of the Proposed Development (as may best identify the land or structure in question)	Great Island Co. Wexford
Ordnance Survey Map Ref No (and the Grid Reference where applicable)	Discovery Series: 76 OS Grid Reference: E268907 N114574
Area of site to which the application relates in hectares	8
Site zoning in current Development Plan for the area:	

<p>None – Site is consistent with established use Landscape Character Assessment Policy Area 3 – Coastal – East Coast (Wexford County Development Plan 2007 – 2013)</p>
<p>Existing use of the site & proposed use of the site:</p> <p>Existing Use: Power Generating Facility (Operating on Heavy Fuel Oil)</p> <p>Proposed Use: Power Generating Facility (Combined Cycle Power Plant Operating on Natural Gas)</p>
<p>Name of the Planning Authority(s) in whose functional area the site is situated:</p> <p>Wexford County Council</p>

7. Legal Interest of Applicant in respect of the site the subject of the application

Please tick appropriate box to show applicant's legal interest in the land or structure:	Owner <input checked="" type="checkbox"/>	Occupier
	Other	
Where legal interest is "Other", please expand further on your interest in the land or structure.		
If you are not the legal owner, please state the name and address of the owner and supply a letter from the owner of consent to make the application as listed in the accompanying documentation.		
Does the applicant own or have a beneficial interest in adjoining, abutting or adjacent lands. If so, identify the lands and state the interest.		
<p>The development site is within the confines of Great Island power generating facility which is wholly owned by Endesa Ireland Limited. However, an area outside the ownership boundary of Endesa will be leased, on a temporary basis, for use as a parking bay during the construction phase. The construction phase is expected to last for approximately 30 months</p>		

8. Site History

Details regarding site history (if known):
<p>Has the site in question ever, to your knowledge, been flooded?</p> <p>Yes: [] No: [✓]</p> <p>If yes, please give details e.g. year, extent:</p> <p>Are you aware of previous uses of the site e.g. dumping or quarrying?</p> <p>Yes: [✓] No: []</p> <p>If yes, please give details:</p> <p>Areas of the Great Island power plant have historically been used for the disposal of waste. These areas are outside of the proposed development site and are managed under the existing IPPC licence (Reference P0606-02). Great Island Power Plant has been in operation for over 40 years, the site was previously undeveloped</p>

Are you aware of any valid planning applications previously made in respect of this land / structure?		
<p>Yes: [✓] No: []</p> <p>If yes, please state planning register reference number(s) of same if known and details of applications</p>		
Reg.Ref.No:	Nature of Proposed Development	Nature of Final Decision of Application Grant of Refusal by Planning Authority/An Bord Pleanála
79:	Erection of Generating Station and ancillary works, including jetty	Permission granted 2 nd February 1965
3390:	Erection of extension to Generating Station	Permission granted 12 th November 1968
11783:	Erection of a transmission line from Great Island Station to new transformer at Butlerstown South	Permission granted 17 th April 1975

027723:	Erection of 38kV transmission line power lines through various T.D.S.	Permission granted 22 nd April 1986
027784:	Equipment store	Permission granted 13 th May 1986
930907:	Construction of Store Building, subject to conditions	Permission granted 11 th October 1993
931074:	Extend relay Building Workshop, install septic tank at 220kV Compound, subject to conditions	Permission granted 15 th November 1993
931618:	Erect effluent treatment plant, subject to conditions	Permission granted 5 th April 1994
941073:	Erect an oil stripping shed	Permission granted 2 nd November 1994
950310:	Erection of a storage tank 7 metres diameter by 5.6 metres high	Permission granted 30 th May 1995
20053873:	Erect a new tower under the existing Great Island Waterford 1110kV Line at Great Island, Kilmokea	Permission granted 9 th March 2006 to Electricity Supply Board
<p>If a valid planning application has been made in respect of this land or structure in the 6 months prior to the submission of this application, then any required site notice must be on a yellow background in accordance with Article 19(4) of the Planning and Development regulations 2001 as amended.</p>		
<p>Is the site of the proposal subject to a current appeal to An Bord Pleanála in respect of a similar development?</p>		
<p>Yes: [] No: [✓]</p> <p>If yes please specify</p> <p>An Bord Pleanala Reference No.: _____</p>		

9. Description of the Proposed Development

<p>Brief description of nature and extent of development</p>	<p>Endesa Ireland Limited proposes to construct a 430 MW Combined Cycle Gas Turbine power plant within the confines of the existing power generating facility at Great Island, Co. Wexford. The proposed plant will operate on natural gas with distillate oil stored as a back-up fuel.</p> <p>The Great Island power plant occupies an area of approximately 58 hectares (143 acres). The proposed development site will occupy approximately 8 hectares (19 acres).</p>
--------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

The development will comprise the electricity generating plant including a gas turbine, a steam turbine, a Heat Recovery Steam Generator (HRSG), a generator and a 60 metre stack. Ancillary services will include a water treatment plant, water storage tanks, wastewater discharge tanks, a distillate storage tank, bulk chemical storage tanks (Sulphuric Acid and Sodium Hydroxide), an Above Ground Gas Installation, AGI, (comprising gas compressor, gas metering, pressure reducing, heating and filtering skids) and minor ancillary buildings. Existing control and administration buildings, workshops, canteen and stores will be utilised. The existing cooling water inlet and outlet systems will also be retained and utilised.

Dimensions of the main buildings are provided hereunder:

Name	Length (m)	Width (m)	Height (m)
Turbine Building	69.2	36.5	22.66
Heat Recovery Steam Generator	31.0	26.4	30.88
Electrical / Control Building	7.7	20.1	13.09
Main Stack	-	6.0 (I.D)	60
Auxiliary Boiler Building	18.7	14.7	16
Auxiliary Stack	-	-	30
Demineralised Water Storage Tanks	-	20 (I.D)	20.5
Water Treatment Plant	25.6	20.5	7.35
Acid and Alkali Storage Tanks	16	4	3.5
Gas Fuel Treatment Building	25.6	8.6	4.0
Condensate Polisher Building	13	12.9	7.35
Boiler Feed/Chemical Injection Bldg.	32.8	10.7	7.64
Gas Compressor Building	7.1	7.1	4.0
Demin. Water Pump Building	7.1	7.1	7.49

Due to the volume of distillate oil required to be stored the facility will be classified as a lower tier site in accordance with the European Communities (Control of Major Accident Hazards Involving Dangerous Substances) Regulations 2006 (S.I. No. 74 of 2006).

The existing power plant at Great Island currently operates under IPPC Licence Registration Number P0606-02. This licence will be revised to include the proposed development

10. In the case of mixed development (e.g. residential, commercial, industrial, etc), please provide breakdown of the different classes of development and a breakdown of the gross floor area of each class of development.

Class of Development:	Gross Floor Area in m ²

11. Where the application relates to a building or buildings:

Gross floor space of any existing buildings(s) in m ²	20,000 m ²
Gross floor space of proposed works in m ²	5,862 m ²
Gross floor space of work to be retained in m ² (if appropriate)	19,547 m ²
Gross floor space of any demolition in m ² (if appropriate)	453 m ²

12. In the case of residential development please provide breakdown of residential mix.

Number of	Studio	1 Bed	2 Bed	3 Bed	4 Bed	4 + Bed	Total
Houses							
Apartments							
Number of car-parking spaces to be provided	Existing:		Proposed:		Total:		

13. Social and Affordable Housing.

Please tick appropriate box:	Yes	No
Is the application an application for permission for development to which Part V of the Planning and Development Act 2000 applies?		✓

If the answer to the above question is "yes" and the development is not exempt (see below), you must specify, as part of your application, the manner in which you propose to comply with section 96 of Part V of the Act.
 If the answer to the above question is "yes" but you consider the development to be exempt by virtue of section 97 of the Planning and Development Act 2000, a copy of the Certificate of Exemption under section 97 must be submitted (or, where an application for a certificate of exemption has been made but has not yet been decided, a copy of the application should be submitted).
 If the answer to the above question is "no" by virtue of section 96 (13) of the Planning and Development Act 2000, details indicating the basis on which section 96 (13) is considered to apply to the development should be submitted.

14. Where the application refers to a material change of use of any land or structure or the retention of such a material change of use:

Existing use (or previous use where retention permission is sought) Industrial
Proposed use (or use it is proposed to retain) Industrial
Nature and extent of any such proposed use (or use it is proposed to retain). Development of Natural Gas Fired Combined Cycle Power Plant (See No. 9 Description)

15. Development Details

Please tick appropriate box:	If answer is yes please give details	YES	NO
	Does the proposed development involve the demolition of a Protected Structure(s), in whole or in part?		✓
	Does the proposed development consist of work to a protected structure and/or its curtilage or proposed protected structure and/or its curtilage?		✓
	Does the proposed development consist of work to the exterior of a structure which is located within an architectural conservation area (ACA)?		✓
	Does the application relate to development which affects or is close to a monument or place recorded under section 12 of the National Monuments (Amendment) Act, 1994.		✓

Does the application relate to work within or close to a European Site (under S.I. No. 94 of 1997) or a Natural Heritage Area?	✓	
Does the proposed development require the preparation of an Environmental Impact Statement?	✓	
Do you consider that the proposed development is likely to have significant effects on the environment in a transboundary state?		✓
Does the application relate to a development which comprises or is for the purpose of an activity requiring an integrated pollution prevention and control license	✓	
Does the application relate to a development which comprises or is for the purpose of an activity requiring a waste license?		✓
Do the Major Accident Regulations apply to the proposed development?	✓	
Does the application relate to a development in a Strategic Development Zone?		✓
Does the proposed development involve the demolition of any habitable house?		✓

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16. Services

<p>Proposed Source of Water Supply</p> <p>Existing connection: [<input checked="" type="checkbox"/>] New Connection: [<input type="checkbox"/>]</p> <p>Public Mains: [<input checked="" type="checkbox"/>] Group Water Scheme: [<input type="checkbox"/>] Private Well:[<input type="checkbox"/>]</p> <p>Other (please specify): Cooling Water will be Sourced from Barrow Estuary</p> <hr/> <p>Name of Group Water Scheme (where applicable):</p> <hr/> <p>Proposed Wastewater Management / Treatment:</p> <p>Existing: [<input checked="" type="checkbox"/>] New:[<input checked="" type="checkbox"/>]</p> <p>Public Sewer: [<input type="checkbox"/>] Conventional septic tank system: [<input type="checkbox"/>]</p> <p>Other on site treatment system: [<input checked="" type="checkbox"/>] Please Specify:</p> <p>Existing wastewater management systems and outfalls will be utilised. However, new collection systems and a new proprietary secondary treatment system will be required</p> <p>Proposed Surface Water Disposal:</p> <p>Public Sewer / Drain:[<input type="checkbox"/>] Soakpit:[<input type="checkbox"/>]</p> <p>Watercourse: [<input checked="" type="checkbox"/>] Other: [<input type="checkbox"/>] Please specify: Discharge to Barrow Estuary</p>

17. Notices

<p>Details of public newspaper notice – paper(s) and date of publication</p> <p>New Ross Echo – 2nd December 2009 Irish Times – 2nd December 2009 Waterford News & Star – 1st December 2009</p> <p>Copy of page(s) of relevant newspaper enclosed Yes: [<input checked="" type="checkbox"/>] No:[<input type="checkbox"/>]</p>
<p>Details of site notice, if any, - location and date of erection</p> <p>Location 1 (North Gate): E268549 N114987 Location 2 (East Gate): E269155 N114624 Date of Erection: 2nd December 2009</p>

Copy of site notice enclosed Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Details of other forms of public notification, if appropriate e.g. website www.greatislandpowerproject.com

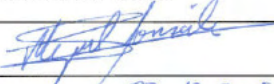
18. Pre-application Consultation:

Date(s) of statutory pre-application consultations with An Bord Pleanála 24 th June 2009, 1 st October 2009 and 28 th October 2009
Schedule of any other pre application consultations – name of person/body and date of consultation to be provided as appropriate and also details of any general public consultations i.e. methods, dates, venues etc. This can be submitted as a separate schedule with the application form. Enclosed: See Schedule 2 – Pre-Application Consultations Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Schedule of prescribed bodies to whom notification of the making of the application has been sent and a sample copy of such notification. Enclosed: See Schedule 3 – Notification to Prescribed Bodies Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>

19. Application Fee.

<i>Fee Payable</i> €100,000

I hereby declare that, to the best of my knowledge and belief, the information given in this form is correct and accurate and that the application documents being deposited at the planning authority offices, and any other location specified by the Board in pre application consultations, including a website (if any) will be identical to the application documents being deposited with the Board.

Signed	
Date:	02-12-2009

Project:	Great Island Generation Station
Title:	Planning Applications of Station
Date:	29/04/2010

Date	Description	Decision
26/11/1964	Permission for Development of land, erection of generating station and ancillary works including jetty at Great Island Campile	Granted on 12/02/1965
04/10/1968	Permission for Development of land, namely, erection of extension to generating station at Great Island, Campile	Granted on 11/11/1968
17/02/1975	Permission to erect a transmission line from Great Island Station to new transformer at Butlerstown South, Co Waterford	Granted on 14/03/1975
	Erection of 38kV Transmission Line through Great Island, Saltmills, Kilmannock, Grange, Dunbrody, Ballyvelig, Boderan, Coole and Shelbaggan to Ballygowny, Campile	Granted on 07/03/1986
	Erection of pollution control equipment store at Great Island, Campile	Granted on 27/03/1986
15/07/1993	Erection of Stores Building at Great Island Generating Station Campile Co Wexford	Granted on 27/08/1993
24/08/1993	Extension of Building, erection of workshop and installation of septic tank at existing 220kV compound, ESB Great Island Generation Station, Great Island, Co Wexford	Granted on 01/10/1993
23/12/1993	Erection of Effluent treatment plant at Great Island Generating Station, Great Island Campile co.Wexford	Granted on 18/02/1994
03/08/1994	Erection of an Oil Stripping Shed at Great Island Generating Station	Granted on 16/09/1994
13/03/1995	Erection of Storage Tanks 7 metres diameter by 5.6metres high	Granted on 21/04/1995
21/11/2005	Erect a new Tower Line under the existing Great Island Waterford 110kV Line	Granted on 09/03/2006

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a COPY FOR H. FINNEGAN, A.C.E.

Regd. Post.

P.1. LOCAL GOVERNMENT (PLANNING AND DEVELOPMENT) ACT, 1963.

NOTIFICATION OF DECISION TO GRANT A PERMISSION UNDER SECTION 26 OF THE ACT.

COUNCIL OF THE COUNTY HEALTH DISTRICT OF WEXFORD.

To The Electricity Supply Board,
 Lr. Fitzwilliam St.,
 Dublin, 2.

Reference No. in Planning Register 3390.

Application Received 4th October, 1968.

In pursuance of the powers conferred upon them by the above-mentioned Act, the Wexford County Council have by order dated 11th November, 1968 decided to grant a permission for the development of land, namely, erection of extension to generating station at Great Island, Campile,

in accordance with deposited plans.

If there is no appeal against the said decision, a grant of permission in accordance with the decision will be issued after the expiration of the period within which an appeal may be made to the Minister for Local Government (see footnote).

It should be noted that until a grant of permission has been issued the development in question is NOT AUTHORISED.

Signed on behalf of the said Council:

Date:

CERTIFIED TO BE A TRUE COPY
Ebaine Power
DATE: 25 July 2007

12 NOV 1968

NOTE:

An appeal against a decision of a planning authority under section 26 of the Act of 1963 may be made to the Minister for Local Government. The applicant for permission may appeal within one month beginning on the day of receipt by him of the decision. Any other person may appeal to the Minister within three weeks beginning on the date of the decision.

Appeals should be addressed to the Secretary, Department of Local Government, (Planning Appeals Section), Custom House, Dublin, 1. An appeal by the applicant for permission should be accompanied by this form. In the case of an appeal by any other person the name of the applicant, particulars of the proposed development and the date of the decision of the planning authority should be stated.

Any appeal should be made in writing and should clearly state the subject matter of the appeal and the grounds of appeal.

Copy to Mr. S. Jordan C.A. (P).

WEXFORD COUNTY COUNCIL

Local Government (Planning and Development) Act, 1963

NOTIFICATION OF DECISION ON PLANNING APPLICATION

The decision of Wexford County Council on the application described at Part 1 of this form is given at Part 2. Please read the notes on the reverse of this document.

Signed on behalf of Wexford County Council

Date

S. Jordan
4 March 1975

Part 1.

Particulars of Application

Name and address of applicant:

Type of Application:

RAYON

Electricity Supply Board,
Lower Fitzwilliam Street,
DUBLIN 2

Permission to erect a transmission line
from Ennis Island Station to new transformer
at Butlerstown South, Co. Waterford.

Number in Planning Register:

11,783

Date of Application:

17th February, 1975

Part 2.

Particulars of Decision

DECISION: Permission granted.

Conditions and Reasons therefor:— NIL.

CERTIFIED TO BE A TRUE COPY

Ebony Power

DATE:

28 July 2007

LOCAL GOVERNMENT (PLANNING AND DEVELOPMENT) ACTS, 1963 TO 1983

Planning Register No.: 27,723

Order No.: 243

ORDER: By virtue of the powers vested in me by the County Management Acts, 1940 to 1972, I hereby ordered that the decision of Wexford County Council, on the application described hereunder, is to grant permission for the development of the land as shown in the application subject to the conditions (if any) listed in the schedule hereto.

AND IT IS FURTHER ORDERED that if no appeal is made against the decision within the statutory time, or if an appeal is made which is subsequently withdrawn, the permission be granted in accordance with this Order.

Name and Address of Applicant: E.S. B. Head Office, Lower Fitzwilliam Street, Dublin 2.
Ref. No. D23/423

Description of Development: Erection of 38KV Transmission line through Great Island, Saltmills, Kilmannock, Grange, Dunbrody, Ballyvelig, Boderan, Coole and Shelbaggan
Schedule of Conditions: to Ballygowny, Campile, Wexford.

NIL.

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Eaine Power
DATE: 25 July 2007

Signed by me at the County Hall, Wexford
on this 7th day of March 1986

[Signature]
Wexford County Manager.

LOCAL GOVERNMENT (PLANNING AND DEVELOPMENT) ACTS, 1963 TO 1982

Planning Register No. : 27,784

Order No. : 321

ORDER : By virtue of the powers vested in me by the County Management Acts, 1940 to 1972, I hereby ordered that the decision of Wexford County Council, on the application described hereunder, is to grant permission for the development of the land as shown in the application subject to the conditions (if any) listed in the schedule hereto.

AND IT IS FURTHER ORDERED that if no appeal is made against the decision within the statutory time, or if an appeal is made which is subsequently withdrawn, the permission is granted in accordance with this Order.

Name and Address of Applicant : Electricity Supply Board, Architects Office,
Civil Works Department, 18/21 St. Stephen's Green, Dublin 2
Description of Development : Erection of pollution control equipment store at
Great Island, Campile.

Schedule of Conditions :

NIL.

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..E. BINE POWERS..
DATE: ..25.. July ..2007..

Signed by me at the County Hall, Wexford
on this 27th day of March 19 86

.....
Wexford County Manager.

WEXFORD COUNTY COUNCIL PLANNING AUTHORITY
LOCAL GOVERNMENT (PLANNING & DEVELOPMENT) ACTS 1963 TO 1992

NOTIFICATION OF GRANT OF PLANNING PERMISSION

Further to Notification of Decision on the application described in the Schedule to this Notice the application has now been determined as set out therein and the **PERMISSION is hereby granted** in accordance with the drawings and documents submitted.

Signed on behalf of Wexford County Council *Mauna D. B...*

Date *11.10.1993*

SCHEDULE

PARTICULARS OF PLANNING APPLICATION

PLANNING REG. NO. : 93/0907
DATE OF APPLICATION : 15th July, 1993.
NAME AND ADDRESS OF APPLICANT : Electricity Supply Board
Group Civil Engineer
Oil/Gas Group
Ringsend Generating Station
Dublin 4
TYPE OF APPLICATION: PERMISSION
DESCRIPTION OF DEVELOPMENT: Erection of a Stores Building at Great Island Generating Station, Campile, Co. Wexford.
DECISION: Granted subject to conditions as listed hereinafter:-
DATE OF DECISION: 27th August, 1993.

CERTIFIED TO BE A TRUE COPY
Elaine Roper
DATE: *18 July 2007*

CONDITIONS AND REASONS THEREFOR

CONDITION A:

The proposed structure shall be used for storage purposes only.

REASON:

In the interests of the proper planning and development of the area.

CONDITION B:

The proposed structure shall be finished to match existing structures on the site.

REASON:

In the interests of visual amenity.

END OF SCHEDULE.

NOTES:

1. Please see attached Leaflet on fire safety measures.
2. A Trade Effluent Discharge Licence under the Local Government [Water Pollution] Acts 1977-1990 is/may be required for this development. The applicant is advised to consult the Environment Section of Wexford County Council in this regard.

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LOCAL GOVERNMENT [PLANNING AND DEVELOPMENT] ACTS 1963 TO 1992

PLANNING REGISTER NO: 93/1074

ORDER NO.: 1186

ORDER: By virtue of the powers vested in me by the County Managements Acts 1940 to 1972, it is hereby ordered that the decision of the Wexford County Council on the application described in the Schedule to this Order is as shown therein, and that the appropriate notifications be issued pursuant to Section 26 of the Act of 1963.

Signed by me at the County Hall, Wexford,
on this 1st day of October, 1993.



WEXFORD COUNTY MANAGER

SCHEDULE

PARTICULARS OF PLANNING APPLICATION

PLANNING REG. NO. :

93/1074

DATE OF APPLICATION :

24th August, 1993.

NAME AND ADDRESS OF APPLICANT :

Electricity Supply Board
C/o Building Design Services
ESB International
18-21 Stephens Court
St Stephens Green
Dublin 2

TYPE OF APPLICATION:

PERMISSION

DESCRIPTION OF DEVELOPMENT:

Extension of existing relay building, erection of workshop and installation of septic tank at existing 220kv compound, ESB Great Island Generating Station, Great Island, Co Wexford.

DECISION:

Granted subject to conditions as listed hereinafter:-

DATE OF DECISION:

1st October 1993

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Elaine Power

DATE: 25 July 2002

CONDITIONS AND REASONS THEREFOR

CONDITION A:

The proposed septic tank drainage system shall be designed, located and constructed in accordance with the recommendations set out by the EOLAS Publication SR6 1991.

REASON:

In the interests of public health.

END OF SCHEDULE.

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WEXFORD COUNTY COUNCIL PLANNING AUTHORITY

LOCAL GOVERNMENT (PLANNING & DEVELOPMENT) ACTS 1963 TO 1993

NOTIFICATION OF GRANT OF PLANNING PERMISSION

Further to Notification of Decision on the application described in the Schedule to this Notice the application has now been determined as set out therein and the **PERMISSION is hereby granted** in accordance with the drawings and documents submitted.

Signed on behalf of Wexford County Council

J. P. P. P.

Date *5/4/94*

SCHEDULE

PARTICULARS OF PLANNING APPLICATION

PLANNING REG. NO. : 93/1618

DATE OF APPLICATION : 23rd December, 1993.

NAME AND ADDRESS OF APPLICANT : Electricity Supply Board
C/O Conrad C. Murphy
Group Civil Engineer
Oil/Gas Group, Ringsend
Generating Station,
Dublin 4

TYPE OF APPLICATION: PERMISSION

DESCRIPTION OF DEVELOPMENT: Erection of an effluent treatment plant at Great Island Generating Station, Great Island, Campile, Co. Wexford

DECISION: Granted Subject to Conditions as listed hereinafter:-

DATE OF DECISION: 18th February, 1994.

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...*Elaine Power*.....
DATE: ...*18 July 2007*...

CONDITIONS AND REASONS THEREFOR

CONDITION A:

This Permission refers to the revised plans and proposals submitted to the Planning Authority on the 27th January, 1994.

REASON:

In the interests of public health.

END OF SCHEDULE

21

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Brady & Co.	T: +353 1 872 5122
Law Searchers	F: +353 1 872 5600
3 Inns Quay	W: www.bradyco.ie
Dublin 7	E: search@bradyco.ie
Ireland	DX: DX59

Electricity Supply Board
 Legal Division
 27 Lower Fitzwilliam Street
 DUBLIN 2
 DX 219 DUBLIN
 Attention: Mr Jacobus Crous
 Your Ref: GY0015/JC



Please quote this reference on all correspondence

Our Ref: 07H00352
Date 25 April 2008

Premises Great Island, Kilmarnock, Co Wexford
Re Planning Search

Requisitioned by: Mr Jacobus Crous
 ESB Networks

Herewith copy planning permission 94/1073. Apologies for the delay.

With Compliments

*** **

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**WEXFORD COUNTY COUNCIL PLANNING AUTHORITY
LOCAL GOVERNMENT (PLANNING & DEVELOPMENT) ACTS 1963 TO 1993**

NOTIFICATION OF GRANT OF PLANNING PERMISSION

Further to Notification of Decision on the application described in the Schedule to this Notice the application has now been determined as set out therein and the **PERMISSION is hereby granted** in accordance with the drawings and documents submitted.

Signed on behalf of Wexford County Council *Maera O. ...*

Date *2.11.1994.*

SCHEDULE

PARTICULARS OF PLANNING APPLICATION

PLANNING REG. NO. : 94/1073

DATE OF APPLICATION : 3rd August, 1994.

NAME AND ADDRESS OF APPLICANT : E.S.B.
Coal/Oil/Gas/ Group
Ringsend Generating Station
Dublin 4.

TYPE OF APPLICATION: PERMISSION

DESCRIPTION OF DEVELOPMENT: Erection of an oil stripping shed at Great Island Generating Station, Campile, Co. Wexford.

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DECISION: Granted

DATE OF DECISION: 16th September, 1994.

WEXFORD COUNTY COUNCIL PLANNING AUTHORITY

LOCAL GOVERNMENT (PLANNING & DEVELOPMENT) ACTS 1963 TO 1993

NOTIFICATION OF GRANT OF PLANNING PERMISSION

Further to Notification of Decision on the application described in the Schedule to this Notice the application has now been determined as set out therein and the **PERMISSION is hereby granted** in accordance with the drawings and documents submitted.

Signed on behalf of Wexford County Council

Maene O'Brien

Date 30.5.1995

SCHEDULE

PARTICULARS OF PLANNING APPLICATION

PLANNING REG. NO. :

950310

DATE OF APPLICATION:

13th MARCH 1995

APPLICANT :

E.S.B. (CONRAD C. MURPHY)
GROUP CIVIL ENGINEER
COAL/OIL/GAS GROUP E.S.B.
RINGSEND GENERATING STATION
DUBLIN 4

TYPE OF APPLICATION :

PERMISSION

PROPOSED DEVELOPMENT :

ERECTION OF A STORAGE TANK 7 METRES
DIAMETER BY 5.6 METRES HIGH

LOCATION:

GREAT ISLAND
CAMPLE
CO. WEXFORD

DECISION :

GRANTED

DATE OF DECISION :

21st APRIL 1995

CERTIFIED TO BE A TRUE COPY

Elaine Power

DATE: *18 July 2007*

WEXFORD COUNTY COUNCIL PLANNING AUTHORITY

PLANNING AND DEVELOPMENT ACT 2000

NOTIFICATION OF GRANT OF PLANNING PERMISSION

Further to Notification of Decision on the application described in the Schedule to this Notice the application has now been determined as set out therein and is hereby **GRANTED** in accordance with the drawings and documents submitted.

Signed on behalf of *Wexford County Council* *Soláide Ní Mauraigh*

Date *12.04.2006*

SCHEDULE

PARTICULARS OF PLANNING APPLICATION

PLANNING REG. NO.:	20053873
DATE OF APPLICATION:	21 November 2005
APPLICANT:	ELECTRICITY SUPPLY BOARD 27 Lower Fitzwilliam Street Dublin 2
TYPE OF APPLICATION:	PERMISSION
PROPOSED DEVELOPMENT:	ERECT A NEW TOWER UNDER THE EXISTING GREAT ISLAND WATERFORD 110KV LINE
LOCATION:	GREAT ISLAND, KILMOKEA
DECISION:	GRANTED subject to CONDITIONS as listed hereinafter.
DATE OF DECISION:	9 March 2006

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CONDITIONS AND REASONS THEREFOR

1. The proposed development shall be carried out strictly in accordance with:
- (i) the plans and particulars lodged with the planning application; and,
 - (ii) the further information date stamped 14th February, 2006 except as otherwise required by the conditions of this permission.

REASON:

To ensure the proposed development strictly accords with the permission and that effective control is maintained.

END OF SCHEDULE

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This licence was amended on 24 July 2006 under Section S96(1) of the Environmental Protection Agency Acts, 1992 & 2003. The details of Amendment A must be read in conjunction with this licence. The amendment document is entitled S(96)1 Amendment A.

This licence was amended on 16 May 2008 under Section S96(1) of the Environmental Protection Agency Acts, 1992 to 2007 and 15th December 2008 under Section 96(1)(c) of the Environmental Protection Agency Acts, 1992 to 2007. The details of Amendment B must be read in conjunction with this licence. The amendment document is entitled S(96)1 Amendment B. The details of Amendment C must be read in conjunction with this licence. The amendment document is entitled 'Technical Amendment C'.

LICENCE REG NO. P0606-02 HAS BEEN TRANSFERRED.

Please note that licence Reg No. P0606-02 was transferred to XJWB Limited on 07/01/2009. For further information on this please refer to Transfer Notification on the Agency's website.



Headquarters,
Johnstown Castle Estate,
County Wexford, Ireland

**INTEGRATED POLLUTION PREVENTION AND
CONTROL
REVISED LICENCE**

Licence Register Number:	715
Licensee:	Electricity Supply Board
Location of Activity:	Great Island Generating Station Campile New Ross County Wexford

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Glossary of Terms

The Agency	Environmental Protection Agency.
The Licensee	Electricity Supply Board, Great Island, Campile, County Wexford.
AER	Annual Environmental Report.
Agreement	Agreement in writing.
Annually	All or part of a period of twelve consecutive months.
BAT	Best Available Techniques
Biannually	All or part of a period of six consecutive months.
Biennially	Once every two years.
BOD	5 day Biochemical Oxygen Demand.
CEN	Comité Européen de Normalisation - European Committee for Standardisation.
COD	Chemical Oxygen Demand.
Daily	During all days of plant operation, and in the case of emissions, when emissions are taking place; with no more than 1 measurement on any one day.
Day	Any 24 hour period.
Daytime	0800 hrs to 2200 hrs.
dB(A)	Decibels (A weighted).
DO	Dissolved Oxygen.
EMP	Environmental Management Programme.
EPA	Environmental Protection Agency
EWC	European Waste Catalogue (2000/532/EC as amended)
Fortnightly	A minimum of 24 times per year, at approximately two week intervals.
GC/MS	Gas Chromatography/ Mass Spectroscopy
HFO	Heavy Fuel Oil.
ICP	Inductively Coupled Plasma Spectroscopy.
IPPC	Integrated Pollution Prevention and Control.
K	Kelvin.

kPa	kilo Pascals.
Leq	Equivalent continuous sound level.
Lighting-up time	30 minutes after sun set.
List I	As listed in the EC Directives 76/464/EEC and 80/68/EEC and amendments.
List II	As listed in the EC Directives 76/464/EEC and 80/68/EEC and amendments.
Local Authority	Wexford County Council.
Mass Flow Limit	An Emission Limit Value which is expressed as the maximum mass of a substance which can be emitted per unit time. The limit is usually expressed in kilograms per hour (kg/h).
Mass Flow Threshold	A mass flow rate, above which, a concentration limit applies. The rate is usually expressed in kilograms per hour (e.g. at mass flow rates > 2 kg/h).
Monthly	At least 12 times per year at approximately monthly intervals.
NERP	National Emissions Reduction Plan
Night-time	2200 hrs to 0800 hrs.
Noise sensitive location	Any dwelling house, hotel or hostel, health building, educational establishment, place of worship or entertainment, or any other facility or area of high amenity which for its proper enjoyment requires the absence of noise at nuisance levels.
PER	Pollution Emission Register.
ppm	Parts per million.
Quarterly	All or part of a period of three consecutive months beginning on the first day of January, April, July or October.
Regional Fisheries Board	Southern Regional Fisheries Board.
SOP	Standard Operating Procedure.
Standard Methods	As detailed in "Standard Methods for the Examination of Water and Wastewater", (prepared and published jointly by A.P.H.A., A.W.W.A & W.E.F) 20th Ed. 1998, American Public Health Association, 1015 Fifteenth Street, N.W., Washington DC 20005, USA; or, an alternative method as may be agreed in writing by the Agency.
Waste disposal operation	Means any of the operations included in the Third Schedule to the Waste Management Acts 1996 to 2003.
Waste recovery operation	Means any of the operations included in the Third Schedule to the Waste Management Acts 1996 to 2003.
Weekly	During all weeks of plant operation, and in the case of emissions, when emissions are taking place; with no more than one measurement in any one week.
WWTP	Waste Water Treatment Plant.

Reasons for the Decision

The Agency is satisfied, on the basis of the information available, that subject to compliance with the conditions of this licence, any emissions from the activity will comply with and not contravene any of the requirements of Section 83(5) of the Environmental Protection Agency Acts, 1992 and 2003.

In reaching this decision the Agency has considered the application and supporting documentation received from the applicant and the report of its inspector.

No objection having been received to the proposed determination, the licence is granted in accordance with the terms of the proposed determination and the reasons therefor.

Activities Licensed

In pursuance of the powers conferred on it by the Environmental Protection Agency Acts, 1992 and 2003, the Agency hereby grants a revised licence to:

Electricity Supply Board, Great Island, Campile, County Wexford,

under Section 90(2) of the said Acts to carry on the following activity

- the production of combustion installations with a rated thermal input equal to or greater than 50MW,

at Great Island Generating Station, Campile, New Ross, County Wexford, subject to the following fifteen Conditions, with the reasons therefor and associated schedules attached thereto.

Conditions

Condition 1. Scope

- 1.1 The activity shall be controlled, operated, and maintained and emissions shall take place as set out in this Integrated Pollution Prevention and Control (IPPC) licence. All programmes required to be carried out under the terms of this licence, become part of this licence.
- 1.2 No alteration to, or reconstruction in respect of, the activity or any part thereof which would, or is likely to, result in
- (a) a material change or increase in:
- 1.2.1 The nature or quantity of any emission,
- 1.2.2 The abatement/treatment or recovery systems,
- 1.2.3 The range of processes to be carried out,
- 1.2.4 The fuels, raw materials, intermediates, products or wastes generated, or
- (b) any changes in:
- 1.2.5 The site management and control with adverse environmental significance, shall be carried out or commenced without prior notice to, and without the prior written agreement of, the Agency.
- 1.3 This licence is for the purposes of IPPC licensing under the EPA Acts, 1992 and 2003 only and nothing in this licence shall be construed as negating the licensee's statutory obligations or requirements under any other enactments or regulations.
- 1.4 Any reference in this licence to site shall mean the plan area edged in black and labelled 'Station Boundary' and 'Jetty' in 'site plan' of the additional information supplied as part of IPC licence application Reg. No. 606, and received by the Agency on 8th February 2002.
- 1.5 This licence has been granted in substitution for the licence granted to the licensee on 22nd January 2003 and bearing Register No. 606. The previous licence (Reg. No. 606) is replaced by this revised licence.

Reason: To clarify the scope of this licence.

Condition 2. Management of the Activity

- 2.1 The licensee shall maintain an Environmental Management System (EMS) which shall fulfil the requirements of this licence. The EMS shall assess all operations and review all practicable options for the use of cleaner technology, cleaner production and the reduction and minimisation of waste, and shall include as a minimum those elements specified in the Conditions 2.2 to 2.9 below:
- 2.2 A Schedule of Environmental Objectives and Targets
- 2.2.1 The licensee shall prepare a Schedule of Environmental Objectives and Targets. The Schedule shall as a minimum provide for a review of all operations and processes, including an evaluation of practicable options, for energy and resource efficiency, the use of cleaner technology, cleaner production, and the prevention, reduction and minimisation of waste, and shall include waste reduction targets. The Schedule shall include time frames for the achievement of set targets and shall address a five year period as a minimum. The Schedule shall be reviewed

annually and amendments thereto notified to the Agency for agreement as part of the Annual Environmental Report (AER).

2.2.2 The licensee shall have regard to those matters listed in the appropriate section of *Schedule 5(i) Recording and Reporting to the Agency* when establishing the schedule of Objectives and Targets.

2.3 Environmental Management Programme (EMP)

2.3.1 The licensee shall maintain an EMP, including a time schedule, for achieving the Environmental Objectives and Targets prepared under Condition 2.2. It shall include:

- (i) designation of responsibility for targets;
- (ii) the means by which they may be achieved;
- (iii) the time within which they may be achieved.

The EMP shall be reviewed annually and amendments thereto notified to the Agency for agreement as part of the Annual Environmental Report (AER) (Condition 2.9).

2.3.2 A report on the programme, including the success in meeting agreed targets, shall be prepared and submitted to the Agency as part of the AER. Such reports shall be retained on-site for a period of not less than seven years and shall be available for inspection by authorised persons of the Agency.

2.4 Pollution Emission Register (PER)

2.4.1 The PER shall be maintained in accordance with any relevant guidelines issued by the Agency and shall be submitted as part of the AER.

2.4.2 The licensee shall agree with the Agency the list of substances to be included in the PER, and the methodology to be used in their determination.

2.5 Documentation

2.5.1 The licensee shall maintain an environmental management documentation system which shall be to the satisfaction of the Agency.

2.5.2 The licensee shall issue a copy of this licence to all relevant personnel whose duties relate to any condition of this licence.

2.6 Corrective Action

2.6.1 The licensee shall maintain procedures to ensure that corrective action is taken should the specified requirements of this licence not be fulfilled. The responsibility and authority for initiating further investigation and corrective action in the event of a reported non-conformity with this licence shall be defined.

2.7 Awareness and Training

2.7.1 The licensee shall maintain procedures for identifying training needs, and for providing appropriate training, for all personnel whose work can have a significant effect upon the environment. Appropriate records of training shall be maintained.

2.7.2 Personnel performing specifically assigned tasks shall be qualified on the basis of appropriate education, training and/or experience, as required.

2.8 Responsibilities

2.8.1 The licensee shall ensure that a person in charge, as defined under the terms of the Environmental Protection Agency Acts 1992 and 2003, shall be available on-site at all times when the activity is in operation. The person in charge shall also be available to meet with authorised persons of the Agency at all reasonable times.

2.9 Communications

2.9.1 The licensee shall maintain a programme to ensure that members of the public can obtain information concerning the environmental performance of the licensee at all reasonable times.

2.9.2 For each full calendar year from the date of grant of this licence, the licensee shall submit to the Agency, by the 31st March of the following year, an AER which shall be to the satisfaction of the Agency. This report shall include as a minimum the information specified in *Schedule 5(i) Recording and Reporting to the Agency* and shall be prepared in accordance with any relevant guidelines issued by the Agency.

Reason: To make provision for management of the activity on a planned basis having regard to the desirability of ongoing assessment, recording and reporting of matters affecting the environment.

Condition 3. Interpretation

3.1 Emission limit values for emissions to atmosphere in this licence shall be interpreted in the following way:-

3.1.1 Continuous Monitoring:

The emission limit values for emissions to air shall be regarded as having been complied with if the evaluation of the results indicates, for operating hours within a calendar year (excluding periods of start-up and shut-down), that:

(i) None of the calendar monthly mean values exceeds the emission limit values,

and

(ii) in the case of

(a) Sulphur dioxide and particulates: 97% of all the 48 hourly mean values do not exceed 110% of the emission limit values,

(b) Nitrogen oxides: 95% of all the 48 hourly mean values do not exceed 110% of the emission limit values.

3.1.2 For Non-Continuous Monitoring:

(i) For any parameter where, due to sampling/analytical limitations, a 30 minute sample is inappropriate, a suitable sampling period should be employed and the value obtained therein shall not exceed the emission limit value.

- (ii) For flow, no hourly or daily mean value, calculated on the basis of appropriate spot readings, shall exceed the relevant limit value.
 - (iii) For all other parameters, no 30 minute mean value shall exceed the emission limit value.
- 3.2 In the case of participation of the plant(s) in a National Emission Reduction Plan (NERP), as defined by Directive 2001/80/EC, the plant's annual average emission level shall be calculated in accordance with the NERP plan.
- 3.3 The concentration and volume flow limits for emissions to atmosphere specified in this licence shall be achieved without the introduction of dilution air and shall be based on gas volumes under standard conditions of :-
- 3.3.1 In the case of combustion gases:
- (i) Temperature 273K, Pressure 101.3 kPa, dry gas, 3% oxygen.
- 3.4 Emission limit values for emissions to waters in this licence shall be interpreted in the following way:-
- 3.4.1 Continuous monitoring:
- (i) No flow value shall exceed the specified limit.
 - (ii) No pH value shall deviate from the specified range.
 - (iii) No temperature value shall exceed the limit value.
 - (iv) No chlorine value shall exceed the limit values.
- 3.4.2 Non-Continuous Monitoring:
- (i) No pH value shall deviate from the specified range.
 - (ii) No temperature value shall exceed the limit value.
 - (iii) For parameters other than pH, temperature and flow, eight out of ten consecutive results, calculated as daily mean concentration or mass emission values on the basis of flow proportional composite sampling, shall not exceed the emission limit value. No individual result similarly calculated shall exceed 1.2 times the emission limit value.
 - (iv) For parameters other than pH, temperature, and flow, no grab sample value shall exceed 1.2 times the emission limit value.
- 3.5 Noise
- 3.5.1 Noise from the activity shall not give rise to sound pressure levels (Leq, 30 mins) measured at noise sensitive locations which exceed the limit value(s) by more than 2 dB(A).

Reason: To clarify the interpretation of emission limit values fixed under the licence.

Condition 4. Notification

- 4.1 The licensee shall notify the Agency by both telephone and, with the agreement of the Agency, either facsimile or electronic mail, if available, to the Agency's Office of Environmental Enforcement, South East Region, P.O. Box 3000, Johnstown Castle Estate, Wexford, or to such other Agency office as may be specified by the Agency, as soon as practicable after the occurrence of any of the following:
- 4.1.1 Any release of environmental significance to atmosphere from any potential emission point.
 - 4.1.2 Any emission which does not comply with the requirements of this licence.
 - 4.1.3 Any malfunction or breakdown of control equipment or monitoring equipment set out in;
Schedule 1(ii) Emissions to Atmosphere: Abatement/Treatment Control, and Schedule 2(ii) Effluent Treatment Control,
which is likely to lead to loss of control of the abatement system.
 - 4.1.4 Any incident with the potential for environmental contamination of surface water or groundwater, or posing an environmental threat to air or land, or requiring an emergency response by the Local Authority.
- The licensee shall include as part of the notification, date and time of the incident, summary details of the occurrence, and where available, the steps taken to minimise any emissions.
- 4.2 The licensee shall make a record of any incident as set out in Condition 4.1 above. This record shall include details of the nature, extent, and impact of, and circumstances giving rise to, the incident. The record shall include all corrective actions taken to; manage the incident, minimise wastes generated and the effect on the environment, and avoid recurrence. The licensee shall as soon as practicable following incident notification, submit to the Agency the incident record.
- 4.3 A summary report of reported incidents shall be submitted to the Agency as part of the AER. The information contained in this report shall be prepared in accordance with any relevant guidelines issued by the Agency.
- 4.4 In the case of any incident as set out in Condition 4.1.2 above which relates to discharges to water, the licensee shall notify the Southern Regional Fisheries Board as soon as practicable after such an incident.
- 4.5 In the event of any incident, as set out in Condition 4.1.4 having taken place, the licensee shall notify the Local Authority as soon as practicable, after such an incident

Reason: To provide for the notification of incidents and update information on the activity.

Condition 5. Emissions to Atmosphere

- 5.1 No specified emission to the atmosphere shall exceed the emission limit value set out in *Schedule 1(i) Emissions to Atmosphere*, subject to Condition 3 of this licence. There shall be no other emission to the atmosphere of environmental significance.
- 5.2 In the case of participation of the plant in a National Emission Reduction Plan (NERP), as defined in the Large Combustion Plant Directive (2001/81/EC), the ELVs set out in the first column of *Schedule 1(i) Emissions to Atmosphere* "Until December 31, 2007" shall continue to apply. In addition annual average emission levels shall be achieved through application of control measures identified in the NERP.
- 5.3 All equipment, including backup equipment, specified in *Schedule 1(ii) Emissions to Atmosphere: Abatement/Treatment Control* of this licence shall be provided on-site. All treatment/abatement, control and monitoring equipment shall be calibrated and maintained when in use, in accordance with the information submitted in Table 12A(iv) of the IPC licence application (Reg. No. 606) or as otherwise approved by the Agency under the Environmental Management Programme.
- 5.4 Monitoring and analyses of each emission shall be carried out as specified in *Schedule 1(iii) Monitoring of Emissions to Atmosphere* of this licence.
- 5.5 A report of emissions to atmosphere shall be submitted to the Agency as part of the AER. The information contained in this report shall be prepared in accordance with any relevant guidelines issued by the Agency.
- 5.6 Boilers shall be operated so as to give a smoke colour less than or equal to shade number 1 on the Ringelmann chart except during periods of start up, fuel change over and soot blowing. During such start up periods, the incidence of this smoke colour being exceeded shall be cumulatively less than 60 minutes in any 24 hour period from any one boiler.
- 5.7 The licensee shall ensure that all operations on-site shall be carried out in a manner such that air emissions and/or odours do not result in significant impairment of, or significant interference with amenities or the environment beyond the site boundary.
- 5.8 The licensee shall report the total annual emissions of SO₂, NO_x, CO₂ and particulates annually as part of the AER. When continuous monitoring is used, the licensee shall add up separately for each substance the mass emitted each day, on the basis of the volumetric flow rates of waste gases. Where continuous monitoring is not in use, estimates of the total annual emissions shall be determined by the operator on a basis acceptable to the Agency.
- 5.9 For each of the three power plant units the licensee shall report the total annual amount of energy input, related to the net calorific value, broken down in terms of HFO and diesel annually as part of the AER.
- 5.10 The licensee shall maintain a record of the sulphur content of all HFO and diesel delivered to the site.
- 5.11 The licensee shall maintain a record, for inspection by the Agency, of the hours of operation and total net amount of electricity generated by individual power plant units.
- 5.12 In the event of a breakdown or malfunction of any abatement or control equipment the licensee shall either:

- (a) Reduce or close down operations if a return to normal is not achieved within 24 hours
- or
- (b) Operate the plant using low polluting fuels.

5.13 In no circumstances shall the cumulative duration of unabated operation in any twelve-month period exceed 120 hours without the prior written approval of the Agency.

Reason: To provide for the protection of the environment by way of control, limitation, treatment and monitoring of emissions.

Condition 6. Emissions to Water

- 6.1 No specified emission to water shall exceed the emission limit values set out in *Schedule 2(i) Emissions to Water* subject to Condition 3 of this licence. There shall be no other emissions to water of environmental significance.
- 6.2 The equipment, including backup equipment, specified in *Schedule 2(ii) Effluent Treatment Control* of this licence, shall be provided on-site. All treatment/abatement, control and monitoring equipment shall be calibrated and maintained at all times when in use, in accordance with the information submitted in Table 13A(iii) of IPC licence application Reg. No. 606, or as otherwise approved by the Agency under the EMP. All treatment/abatement and control equipment shall be functioning at all times when the activity is being carried on unless alternatives have been agreed in writing by the Agency.
- 6.3 Monitoring and analyses of each emission shall be carried out as specified in *Schedule 2(iii) Monitoring of Emissions to Water* of this licence.
- 6.4 A report of emissions to water shall be submitted to the Agency as part of the AER. The information contained in this report shall be prepared in accordance with any relevant guidelines issued by the Agency.
- 6.5 No substance shall be discharged in a manner, or at a concentration which, following initial dilution, causes tainting of fish or shellfish.
- 6.6 Sanitary effluent shall be treated as specified in the IPC licence application prior to discharge. The emission limit values for this discharge shall be 20mg/l BOD and 30mg/l suspended solids.
- 6.7 No effluent shall be discharged which results in a temperature increase at the edge of the mixing zone of greater than 1.5°C in the receiving system. The mixing zone shall not exceed 25% of the estuarine cross sectional area at any point.

Reason: To provide for the protection of the environment by way of control, limitation, treatment and monitoring of emissions.

Condition 7. Waste Management

- 7.1 Disposal or recovery of waste shall take place only as specified in *Schedule 3(i) Hazardous Wastes for Disposal/Recovery* and *Schedule 3(ii) Other Wastes for Disposal/Recovery* of this licence and in accordance with the appropriate National and European legislation and protocols. No other waste shall be disposed of/recovered either on-site or off-site without prior notice to, and prior written agreement of, the Agency.
- 7.2 Waste sent off-site for recovery or disposal shall be conveyed only by an authorised waste contractor. The waste shall be transported only from the site of the activity to the site of recovery/disposal in a manner which will not adversely affect the environment and in accordance with the appropriate National and European legislation and protocols.
- 7.3 No amendment or variation in any agreed waste classification or consignment or haulage or disposal or recovery arrangements shall be made without the prior written agreement of the Agency.
- 7.4 The licensee shall ensure that waste transferred to another person is packaged and labelled in accordance with National, European and any other standards which are in force in relation to such labelling. While awaiting collection, recovery or disposal all waste shall be stored in designated areas protected, as may be appropriate, against spillage and leachate run-off. The waste is to be clearly labelled and appropriately segregated.
- 7.5 No waste classified as green list waste in accordance with the EU Transfrontier Shipment of Waste Regulations (Council Regulation EEC No.259/1993, as amended) shall be consigned for recovery without the prior agreement of the Agency.
- 7.6 Unless approved in writing by the Agency the licensee is prohibited from mixing a hazardous waste of one category with a hazardous waste of another category or with any other non-hazardous waste.
- 7.7 A full record, which shall be open to inspection by authorised persons of the Agency at all times, shall be kept by the licensee on matters relating to the waste management operations and practices at this site. This record shall as a minimum contain details of the following:
- 7.7.1 The tonnages and EWC Code for the waste materials listed in *Schedule 3(i) Hazardous Wastes for Disposal/Recovery* and *Schedule 3(ii) Other Wastes for Disposal/Recovery*, sent off-site for disposal/recovery.
 - 7.7.2 The names of the agent and carrier of the waste, and their permit details (to include issuing authority).
 - 7.7.3 Details of the ultimate disposal/recovery destination facility for the waste and its appropriateness to accept the consigned waste stream, to include its permit details and issuing authority.
 - 7.7.4 Written confirmation of the acceptance and disposal/recovery of any hazardous waste consignments sent off-site.
 - 7.7.5 Details of all wastes consigned abroad for Recovery and classified as 'Green' in accordance with the EU Transfrontier Shipment of Waste Regulations (Council Regulation EEC No. 259/1993, as amended). The rationale for the classification must form part of the record.
 - 7.7.6 Details of any rejected consignments.
 - 7.7.7 Details of any approved waste mixing as per Condition 7.6.

- 7.7.8 The tonnages and EWC Code for the waste materials listed in *Schedule 3(i) Hazardous Wastes for Disposal/Recovery* and *Schedule 3(ii) Other Wastes for Disposal/Recovery*, recovered on-site.

A copy of this Waste Management record shall be submitted to the Agency as part of the AER for the site.

Reason: To provide for the disposal/recovery of waste and the protection of the environment.

Condition 8. Noise

- 8.1 The licensee shall carry out a noise survey of the site operations annually. The survey programme shall be undertaken in accordance with the methodology specified in the 'Environmental Noise Survey Guidance Document' as published by the Agency. The licensee shall consult with the Agency on the timing of the survey. A record of the survey results shall be available for inspection by any authorised persons of the Agency, at all reasonable times and a summary report of this record shall be included as part of the AER.
- 8.2 Activities on-site shall not give rise to noise levels off-site, at noise sensitive locations, which exceed the following sound pressure limits (Leq,30 minutes) subject to Condition 3 of this licence:
- | | | |
|-------|-------------|-----------|
| 8.2.1 | Daytime: | 55 dB(A), |
| 8.2.2 | Night-time: | 45 dB(A). |
- 8.3 There shall be no clearly audible tonal component or impulsive component in the noise emission from the activity at any noise sensitive location.

Reason: To provide for the protection of the environment by control of noise.

Condition 9. Non-Process Water

- 9.1 Surface water
- 9.1.1 A visual examination of the surface water discharge shall be carried out weekly. A log of such inspections shall be maintained.
- 9.1.2 The licensee shall monitor surface water discharges in accordance with Schedule 4(i) Surface Water Discharge Monitoring of this licence. A report on the results of this monitoring shall be submitted to the Agency annually as part of the AER.
- 9.1.3 No environmentally polluting substance or matter shall be permitted to discharge to off-site surface waters or off-site storm drains.
- 9.1.4 In the event that any analyses or observations made on the quality or appearance of surface water runoff should indicate that contamination has taken place, the licensee shall
- (i) carry out an immediate investigation to identify and isolate the source of the contamination,
 - (ii) put in place measures to prevent further contamination and to minimise the effects of any contamination on the environment,

(iii) and notify the Agency as soon as is practicable.

9.1.5 Surface waters monitoring points defined in the Report of July 1996 shall be monitored for lead, vanadium and polyaromatic hydrocarbons biennially. A report on the results of this monitoring shall be submitted to the Agency as part of the AER.

9.2 Ground and Groundwater

9.2.1 No environmentally polluting substance or matter shall be permitted to discharge to ground or groundwater under the site.

9.2.2 The licensee shall maintain the groundwater monitoring wells as set out in the Report of July 1996 submitted as part of the IPC licence application.

9.2.3 The licensee shall monitor groundwater discharges in accordance with *Schedule 4(ii) Groundwater Monitoring* of this licence. A report on the results of this monitoring shall be submitted to the Agency as part of the AER.

9.2.4 The licensee shall implement the programme, as approved by the Agency in correspondence of 26/09/03, for removal of the sources of on-site contamination and remediation of groundwater.

9.3 Facilities for the Protection of Groundwater and Surface Water

9.3.1 All tank and drum storage areas shall be rendered impervious to the materials stored therein. In addition, tank and drum storage areas shall as a minimum be bunded, either locally or remotely, to a volume not less than the greater of the following;

- (i) 110% of the capacity of the largest tank or drum within the bunded area,
- (ii) 25% of the total volume of substance which could be stored within the bunded area.

Drainage from bunded areas shall be diverted for collection and safe disposal. All bunds shall be tested at least once every three years. A report on such tests shall be included in the AER.

9.3.2 The unloading of HFO shall be supervised at all times and shall be undertaken in accordance with the existing standard operating procedure or as amended.

9.3.3 All oil transfers shall be undertaken in accordance with the oil spillage response plan submitted as part of the IPC licence application.

9.3.4 All personnel involved in the transfer of HFO from ships to storage or from storage to the generating stations shall be trained in the oil spillage response plan. Records of such training shall be maintained and made available for inspection by Agency personnel.

9.3.5 The loading and unloading of other materials shall be carried out in designated areas protected against spillage and leachate run-off.

9.3.6 All pump sumps or other treatment plant chambers from which spillage of environmentally significant materials might occur in such quantities as are likely to breach local or remote containment or interceptors, shall be fitted with high liquid level alarms within twelve months from the date of grant of this licence.

9.3.7 All flanges and valves on over-ground pipes used to transport materials other than uncontaminated water, where no permanent provision for containment of leaks is provided, shall be subject to weekly visual inspection or otherwise monitored for

leaks to the satisfaction of the Agency. All such inspections shall be recorded in a log which shall be available for inspection by Agency.

- 9.3.8 The licensee shall have in storage an adequate supply of containment booms and suitable absorbent material to contain and absorb any spillage.
- 9.3.9 Valves on bunds shall be maintained in a closed position except during bund drainage. Drainage of water collecting in bunds shall be carried out under constant supervision. No discharges shall be undertaken from bunds where there is a visible film of oil on the bund water.
- 9.3.10 All oil interceptors shall be monitored weekly and maintained to ensure efficient operation. A log of monitoring and interceptor waste removal shall be maintained on site for inspection.

Reason: To provide for the protection of surface waters and groundwater.

Condition 10. Energy Use

- 10.1 The licensee shall carry out an audit of the energy efficiency of the site at intervals as required by the Agency. The licensee shall consult with the Agency on the nature and extent of the audit and shall develop an audit programme to the satisfaction of the Agency. The audit programme shall be submitted to the Agency in writing at least one month before the audit is to be carried out. A copy of the audit report shall be available on-site for inspection by authorised persons of the Agency and a summary of the audit findings shall be submitted as part of the Annual Environmental Report.
- 10.2 The audit shall identify all opportunities for energy use reduction and efficiency and the recommendations of the audit will be incorporated into the Schedule of Environmental Objectives and Targets under Condition 2.2 above.

Reason: To provide for the efficient use of energy in all site operations.

Condition 11. Monitoring

- 11.1 The licensee shall carry out such sampling, analyses, measurements, examinations, maintenance and calibrations as set out in Schedules:-
- Schedule 1(ii) Emissions to Atmosphere: Abatement/Treatment Control,*
- Schedule 1(iii) Monitoring of Emissions to Atmosphere,*
- Schedule 2(ii) Effluent Treatment Control,*
- Schedule 2(iii) Monitoring of Emissions to Water,*
- Schedule 4(i) Surface Water Discharge Monitoring,*
- Schedule 4(ii) Groundwater Monitoring,*
- of this licence.
- 11.2 Where the ability to measure a parameter is affected by mixing before emission, then, with prior written agreement from the Agency, the parameter may be assessed before mixing takes place.

- 11.3 All automatic monitors and samplers shall be functioning at all times (except during maintenance and calibration) when the activity is being carried on unless alternative sampling or monitoring has been agreed in writing by the Agency for a limited period. In the event of the malfunction of any continuous monitor, the licensee shall contact the Agency as soon as practicable, and alternative sampling and monitoring facilities shall be put in place. Prior written agreement for the use of alternative equipment, other than in emergency situations, shall be obtained from the Agency.
- 11.4 Monitoring and analysis equipment shall be operated and maintained as necessary so that monitoring accurately reflects the emission or discharge. Reference measurement methods to calibrate automated measurement systems shall be carried out on a frequency to be agreed with the Agency, but in any event parallel measurements with the reference method shall be carried out at least once each year, and shall be in accordance with CEN Standards where available, or otherwise as agreed with the Agency.
- 11.5 The frequency, methods and scope of monitoring, sampling and analyses, as set out in this licence, may be amended with the written agreement of the Agency following evaluation of test results.
- 11.6 The licensee shall install on all emission points such sampling points or equipment, including any data-logging or other electronic communication equipment, as may be required by the Agency. All such equipment shall be consistent with the safe operation of all sampling and monitoring systems.
- 11.7 The licensee shall provide safe and permanent access to the following sampling and monitoring points:
- 11.7.1 Final effluent as discharged from the site.
 - 11.7.2 Emission to atmosphere sampling points.
 - 11.7.3 Noise sources on-site.
 - 11.7.4 Waste storage areas on-site.
 - 11.7.5 Surface waters discharge.
 - 11.7.6 Groundwater wells on site.
- and safe access to any other sampling and monitoring points required by the Agency.
- 11.8 The licensee shall maintain in a prominent location on the site a wind sock, or other wind direction indicator, which shall be visible from the public roadway outside the site.

Reason: To ensure compliance with the requirements of other conditions of this licence by provision of a satisfactory system of measurement and monitoring of emissions.

Condition 12. Recording and Reporting to Agency

- 12.1 The licensee shall record all sampling, analyses, measurements, examinations, calibrations and maintenance carried out in accordance with the requirements of this licence.
- 12.2 The licensee shall record all incidents which affect the normal operation of the activity and which may create an environmental risk.
- 12.3 The licensee shall record all complaints of an environmental nature related to the operation of the activity. Each such record shall give details of the date and time of the complaint, the name of the complainant and give details of the nature of the complaint. A record shall also be kept of the response made in the case of each complaint. The licensee shall submit a report to the Agency, during the month following such complaints, giving details of any complaints which arise. A summary of the number and nature of complaints received shall be included in the AER.

- 12.4 The format of all records required by this licence shall be to the satisfaction of the Agency. Records shall be retained on-site for a period of not less than seven years and shall be available for inspection by the Agency at all reasonable times.
- 12.5 Reports of all recording, sampling, analyses, measurements, examinations, calibrations and maintenance as set out in *Schedule 5(i) Recording and Reporting to the Agency* of this licence, shall be submitted to the Office of Environmental Enforcement, South East Region, P.O. Box 3000, Johnstown Castle Estate, Wexford or any other address as may be specified by the Agency. The format of these reports shall be to the satisfaction of the Agency. One original and two copies shall be submitted as and when specified.
- 12.6 Provision shall also be made for the transfer of environmental information, in relation to this licence, to the Agency's computer system, as may be requested by the Agency.
- 12.7 All reports shall be certified accurate and representative by the licensee's Plant Manager or other senior officer designated by the Plant Manager.
- 12.8 All written procedures controlling operations affecting this licence shall be available on-site for inspection by the Agency at all reasonable times.
- 12.9 The frequency and scope of reporting, as set out in this licence, may be amended by the Agency following evaluation of test results.

Reason: To provide for the collection and reporting of adequate information on the activity.

Condition 13. Accidents and Emergency Response

- 13.1 The licensee shall ensure that a documented Accident Prevention Policy is in place which will address the hazards on-site, particularly in relation to the prevention of accidents with a possible impact on the environment.
- 13.2 The licensee shall ensure that a documented Emergency Response Procedure is in place, which shall address any emergency situation which may originate on-site, and which, within six months of date of grant of licence, shall address operations in times of National Electrical System Emergency. This Procedure shall include provision for minimising the effects of any emergency on the environment.
- 13.3 The policy and procedure referred to in Conditions 13.1 and 13.2 shall be reviewed annually and up-dated as necessary. They shall be made available on-site for inspection by the Agency at all reasonable times.

Reason: To provide for the protection of the environment.

Condition 14. Residuals Management

- 14.1 Following termination, or planned cessation for a period greater than six months, of use or involvement of all or part of the site in the licensed activity, the licensee shall, to the satisfaction of the Agency, decommission, render safe or remove for disposal/recovery, any soil, subsoils, buildings, plant or equipment, or any waste, materials or substances or other matter contained therein or thereon, that may result in environmental pollution.

- 14.2 Residuals Management Plan:
- 14.2.1 This plan shall be reviewed annually and proposed amendments thereto notified to the Agency for agreement as part of the AER. No amendments may be implemented without the written agreement of the Agency.
- 14.3 The Residuals Management Plan shall include as a minimum, the following:
- 14.3.1 A scope statement for the plan.
- 14.3.2 The criteria which define the successful decommissioning of the activity or part thereof, which ensures minimum impact to the environment.
- 14.3.3 A programme to achieve the stated criteria.
- 14.3.4 Where relevant, a test programme to demonstrate the successful implementation of the decommissioning plan.
- 14.3.5 Details of costings for the plan and a statement as to how these costs will be underwritten.
- 14.4 A final validation report to include a certificate of completion for the residuals management plan, for all or part of the site as necessary, shall be submitted to the Agency within three months of execution of the plan. The licensee shall carry out such tests, investigations or submit certification, as requested by the Agency, to confirm that there is no continuing risk to the environment.

Reason: To make provision for the proper closure of the activity ensuring protection of the environment.

Condition 15. Financial Provisions

- 15.1 Agency Charges
- 15.1.1 The licensee shall pay to the Agency an annual contribution of €7,381, or such sum as the Agency from time to time determines, having regard to variations in the extent of reporting, auditing, inspection, sampling and analysis or other functions carried out by the Agency, towards the cost of monitoring the activity as the Agency considers necessary for the performance of its functions under the Environmental Protection Agency Acts, 1992 and 2003. The first payment shall be a pro-rata amount for the period from the date of this licence to the 31st day of December, taking account of any payment in respect of previous licence (Reg. No. 606) and shall be paid to the Agency within one month from the date of the licence. In subsequent years the licensee shall pay to the Agency such revised annual contribution as the Agency shall from time to time consider necessary to enable performance by the Agency of its relevant functions under the Environmental Protection Agency Acts 1992 and 2003, and all such payments shall be made within one month of the date upon which demanded by the Agency.
- 15.1.2 In the event that the frequency or extent of monitoring or other functions carried out by the Agency needs to be increased the licensee shall contribute such sums as determined by the Agency to defraying its costs in regard to items not covered by the said annual contribution.
- 15.2 Environmental Liabilities
- 15.2.1 The licensee shall arrange for the completion, by an independent and appropriately qualified consultant, of a comprehensive and fully costed Environmental Liabilities Risk Assessment for the operation, which will address

liabilities from past and present activities. A report on this assessment to be submitted to the Agency for agreement within twelve months of date of grant of this licence.

- 15.2.2 Within six months of agreement by the Agency under Condition 15.2.1, the licensee shall make financial provision in a form acceptable to the Agency to cover any liabilities incurred by the licensee. The amount of indemnity must always be capable of covering the liabilities identified in Condition 15.2.1.
- 15.2.3 The amount of indemnity, held under Condition 15.2.2 shall be reviewed and revised as necessary, but at least annually.
- 15.2.4 The licensee shall within two weeks of purchase, renewal or revision of the financial indemnity required under Condition 15.2.2, forward to the Agency written proof of such indemnity.

Reason: To provide for adequate financing for monitoring and financial provisions for measures to protect the environment.

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Schedule 1(i) Emissions to Atmosphere

Emission Point Reference No's.:	A1-1 & A1-2 (Common Stack for Boilers 1 and 2)	
Location:	268717 E, 114550 N	
Rating:	175 MW thermal input (per Boiler)	
Volume to be emitted:	Maximum in any one day (per boiler):	4,306,947m ³
	Maximum rate per hour (per boiler):	179,456 m ³
Minimum discharge height:	137.5 m above ground	

Parameter	Emission Limit Value (mg/m ³)	
	Until 31/12/2007 ^{Note 1, 4}	From 01/01/2008
Nitrogen oxides (as NO ₂)	850	450
Sulphur Dioxide (as SO ₂)	1700	1700
Particulates	250 ^{Note 2}	50 ^{Note 3}

Note 1: Where the licensee gives a written undertaking (no later than June 30, 2004) to the Agency not to operate the plant for more than 20,000 hours between January 1, 2008 and December 31, 2015 with closure thereafter, then this date will be extended to December 31, 2015.

Note 2: 400 mg/m³ during soot blowing.

Note 3: A limit value of 100 mg/m³ shall apply when burning liquid fuel with an ash content of more than 0.06%.

Note 4: In the case of participation of the plant in a National Emission Reduction Plan (NERP), as defined in the Large Combustion Plant Directive (2001/81/EC), these ELVs shall continue to apply. In addition annual average emission levels shall be achieved through application of control measures identified in the NERP. (See Condition 5.2).

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Emission Point Reference No.: A1-3 (Stack for Boiler 3)

Location: 268751 E, 114547 N

Rating: 305 MW thermal input

Volume to be emitted: Maximum in any one day: 7,541,044 m³
 Maximum rate per hour: 314,210 m³

Minimum discharge height: 137.5 m above ground

Parameter	Emission Limit Value (mg/m ³)	
	Until 31/12/2007 ^{Note 1}	From 01/01/2008
Nitrogen oxides (as NO ₂)	750	450
Sulphur Dioxide (as SO ₂)	1700	1670
Particulates	200 ^{Note 2}	50 ^{Note 3}

- Note 1:** Where the licensee gives a written undertaking (no later than June 30, 2004) to the Agency not to operate the plant for more than 20,000 hours between January 1, 2008 and December 31, 2015 with closure thereafter, then this date will be extended to December 31, 2015.
- Note 2:** 500 mg/m³ during soot blowing.
- Note 3:** A limit value of 100 mg/m³ shall apply where the ash content of the fuel is greater than 0.06%.
- Note 4:** In the case of participation of the plant in a National Emission Reduction Plan (NERP), as defined in the Large Combustion Plant Directive (2001/81/EC), these ELVs shall continue to apply. In addition annual average emission levels shall be achieved through application of control measures identified in the NERP. (See Condition 5.2).

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Schedule 1(ii) Emissions to Atmosphere: Abatement/Treatment Control

Emission Point Reference No's.: A1-1 & A1-2

Monitoring:

Control Parameter	Monitoring to be Carried Out	Monitoring Equipment
Nitrogen oxides (as NO ₂)	Continuous ^{Note1}	To be agreed with the Agency
Carbon monoxide	Continuous	CO Probe
Temperature	Continuous ^{Note1}	Temperature Probe
Particulate	Continuous ^{Note1}	To be agreed with the Agency
Pressure	Continuous ^{Note1}	To be agreed with the Agency
Water vapour ^{Note 2}	Continuous ^{Note1}	To be agreed with the Agency
Oxygen	Continuous	Oxygen probe/monitor

Note 1: Continuous measurements shall be undertaken from the 27 November 2004. Where the licensee gives a written undertaking (no later than June 30, 2004) to the Agency not to operate each of the plant for more than 10,000 hours with closure thereafter quarterly monitoring shall be required instead of continuous monitoring.

Note 2: Measurement of water vapour content is not required where the sampled gas is dried before analysis.

Equipment:

Control Parameter	Equipment	Backup Equipment
Nitrogen oxides (as NO ₂)	Standard burner	Appropriate spare parts
Carbon monoxide	Burners and Burners Management System	Appropriate spare parts
Oxygen	Burners and Burners Management System	Appropriate spare parts

Emission Point Reference No.: A1-3

Monitoring:

Control Parameter	Monitoring to be Carried Out	Monitoring Equipment
Nitrogen oxides (as NO ₂)	Continuous	Differential optical absorption spectroscopy
Sulphur oxides (as SO ₂)	Continuous	Differential optical absorption spectroscopy
Carbon monoxide	Continuous	CO Probe
Temperature	Continuous	Temperature Probe
Particulate	Continuous	Auto Collimated Transmissometry
Pressure	Continuous ^{Note 1}	To be agreed with the Agency
Water vapour ^{Note 2}	Continuous ^{Note 1}	To be agreed with the Agency
Oxygen	Continuous	Oxygen probe/monitor

Note 1: Continuous measurements shall be undertaken from the 27 November 2004. Where the licensee gives a written undertaking (no later than June 30, 2004) to the Agency not to operate each of the plant for more than 10,000 hours with closure thereafter quarterly monitoring shall be required instead of continuous monitoring.

Note 2: Measurement of water vapour content is not required where the sampled gas is dried before analysis.



Equipment:

Control Parameter	Equipment	Backup Equipment
Nitrogen oxides (as NO ₂)	Low NO _x modified burner	Appropriate spare parts
Carbon monoxide	Burners and Burners Management System	Appropriate spare parts
Oxygen	Burners and Burners Management System	Appropriate spare parts



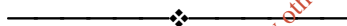
Schedule 1(iii) Monitoring of Emissions to Atmosphere

Emission Point Reference No's.: A1-1 & A1-2

Parameter	Monitoring Frequency	Analysis Method/Technique
Nitrogen oxides (as NO ₂)	Continuous ^{Note 1}	To be agreed with the Agency
Sulphur oxides (as SO ₂)	Quarterly	To be agreed with the Agency
Temperature	Continuous	Temperature Probe
Pressure	Continuous ^{Note 1}	To be agreed with the Agency
Water vapour content ^{Note 2}	Continuous ^{Note 1}	To be agreed with the Agency
Particulate	Quarterly	Isokenetic/Gravimetric
Oxygen	Continuous	Oxygen Probe

Note 1: Continuous measurements shall be undertaken from the 27 November 2004. Where the licensee gives a written undertaking (no later than June 30, 2004) to the Agency not to operate each of the plant for more than 10,000 hours with closure thereafter quarterly monitoring shall be required instead of continuous monitoring.

Note 2: Measurement of water vapour content is not required where the sampled gas is dried before emissions are analysed.



Emission Point Reference No.: A1-3

Parameter	Monitoring Frequency	Analysis Method/Technique
Nitrogen oxides (as NO ₂)	Continuous	Differential optical absorption spectroscopy
Sulphur oxides (as SO ₂)	Continuous	Differential optical absorption spectroscopy
Temperature	Continuous	Temperature Probe
Pressure	Continuous ^{Note 1}	To be agreed with the Agency
Water vapour content ^{Note 2}	Continuous ^{Note 1}	To be agreed with the Agency
Particulate	Continuous	Auto Collimated Transmissometry
Oxygen	Continuous	Oxygen Probe

Note 1: Continuous measurements shall be undertaken from the 27 November 2004. Where the licensee gives a written undertaking (no later than June 30, 2004) to the Agency not to operate each of the plant for more than 10,000 hours with closure thereafter quarterly monitoring shall be required instead of continuous monitoring.

Note 2: Measurement of water vapour content is not required where the sampled gas is dried before emissions are analysed.



Schedule 2(i) Emissions to Water

Emission Point Reference No.: SW2 - Condenser Cooling Water
Name of Receiving Waters: Barrow Estuary
Location: 26903E, 11456N

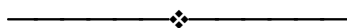
Volume to be emitted: Maximum in any one day: 1,204,080 m³
 Maximum rate per hour: 50,170 m³

Parameter	Emission Limit Value
Temperature	15 °C above estuarine water 12.0 °C (98%ile of hourly values over a year) See also Condition 6.7
Thermal Load	352 MW _{th} (maximum) 335 MW _{th} (98%ile of hourly values over a year)
Chlorine	0.5mg/l

Emission Point Reference No.: SW5 – Boiler blowdown (Prior to dilution with surface water)
Name of Receiving Waters: Barrow Estuary
Location: 26876E, 11451N

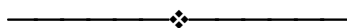
Volume to be emitted: Maximum in any one day: 40 m³

Parameter	Emission Limit Value
pH	6-10



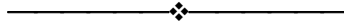
Emission Point Reference No.: SW6 – Boiler blowdown/Engine Room Drains (Prior to dilution with surface water)
Name of Receiving Waters: Barrow Estuary
Location: 26874E 11451N

Parameter	Emission Limit Value
pH	6-10
Mineral Oil	20 mg/l



Emission Point Reference No.: SW7 – Engine Room Drains (Prior to dilution with surface water)
Name of Receiving Waters: Barrow Estuary
Location: 26870E, 11450N

Parameter	Emission Limit Value
Mineral Oil	20 mg/l



Emission Point Reference No.: SW8 - Cooling Water Screen Wash water
Name of Receiving Waters: Barrow Estuary
Location: 26861E 11452N

Volume to be emitted: Maximum in any one day: 1,970m³

Parameter	Emission Limit Value
Chlorine	0.5mg/l



Emission Point Reference No.: SW13 - Water treatment neutralisation tank
Name of Receiving Waters: Barrow Estuary
Location: 26885E 11460N

Volume to be emitted: Maximum in any one day: 150 m³

Parameter	Emission Limit Value
pH	6-9
Ammonia	34kg/day
Suspended solids	100 mg/l



Schedule 2(ii) Effluent Treatment Control

Emission Point Reference No.: SW2

Monitoring:

Monitoring to be Carried Out	Monitoring Frequency	Monitoring Equipment/Method
Temperature	Continuous	Temperature probe
Flow	Continuous	Calculation from pump usage

Equipment:

Control Parameter	Equipment	Backup Equipment
Temperature	Temperature probe	Spares held on site
Flow	Automatic recording of pumped volume	Spares held on site

Emission Point Reference No.: SW13

Monitoring:

Monitoring to be Carried Out	Monitoring Frequency	Monitoring Equipment/Method
pH	Continuous (while discharging)	pH meter/recorder
Flow	While discharging	Calculation from pump run time and recorder

Equipment:

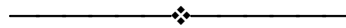
Control Parameter	Equipment	Backup Equipment
pH	pH meter/recorder	Spares held on site
Flow	Pump and recorder	Spare recorder

Schedule 2(iii) Monitoring of Emissions to Water

Emission Point Reference No.: SW2

Parameter	Monitoring Frequency	Analysis Method/Technique
Flow	Continuous	Calculation from pump usage with recorder
Temperature	Continuous	On-line temperature probe with recorder
Chlorine	Weekly Grab sample ^{Note 1}	To be agreed with the Agency

Note 1: Sampling shall take place at an appropriate interval after chlorine dosing. The interval to be used shall be agreed in writing with the Agency.



Emission Point Reference No's.: SW5 & SW6

Parameter	Monitoring Frequency	Analysis Method/Technique
PH	Weekly (while discharging)	pH probe
Temperature	Weekly (while discharging)	Temperature Probe
Suspended solids	Quarterly	Standard Method
Mineral Oil ^{Note 1}	Quarterly	Standard Method

Note 1: Monitoring for mineral oil is not required for SW5.



Emission Point Reference No.: SW7

Parameter	Monitoring Frequency	Analysis Method/Technique
Mineral Oil	Quarterly	Standard Method
COD	Quarterly	Standard Method



Emission Point Reference No.: SW8

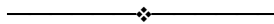
Parameter	Monitoring Frequency	Analysis Method/Technique
Chlorine	Quarterly	Standard Method



Emission Point Reference No.: SW13

Parameter	Monitoring Frequency	Analysis Method/Technique
Flow	While discharging	Calculation from pump run time and recorder
PH	Continuous (while discharging)	On-line pH probe with recorder
Ammonia	Quarterly ^{Note 1}	Standard Method
Suspended solids	Quarterly ^{Note 1}	Standard Method

Note 1: During the discharge of condensate polisher effluent.



Schedule 3(i) Hazardous Wastes for Disposal/Recovery

Waste Materials ^{Note 1}	Further Treatment, Recovery/Recycling On-Site ^{Note 2}	On-Site Reuse ^{Note 2}	Method of Disposal/Recovery ^{Note 3}
Waste Oils	None	None	Authorised waste oil recovery contractor.
Oil interceptor waste	None	None	Authorised hazardous waste disposal/recovery contractor.
Batteries	None	None	Authorised hazardous waste disposal/recovery contractor.
Oil contaminated materials	None	None	Authorised hazardous waste disposal/recovery contractor.
Asbestos	None	None	Authorised hazardous waste disposal/recovery contractor.
Smoke detectors	None	None	Authorised hazardous waste disposal/recovery contractor.
Gaseous discharge lamps	None	None	Authorised hazardous waste disposal/recovery contractor.
Other ^{Note 4}			

Note 1: Refer also to waste classification, labelling and management obligations specified in Condition 7.

Note 2: The licensee may treat, reuse, recycle or recover waste subject to the prior written agreement of the Agency.

Note 3: The agreed Method and any amendment thereto, shall include details of anticipated waste volumes, classification, transport arrangements, as well as identification (including authorisations and appropriateness) of facility of final destination of disposal/recovery.

Note 4: No other hazardous waste shall be disposed of/recovered off-site or on site without prior notice to, and prior written agreement of the Agency.



Schedule 3(ii) Other Wastes for Disposal/Recovery

Waste Materials ^{Note 1}	Further Treatment, Recovery/Recycling On-Site ^{Note 2}	On-Site Reuse ^{Note 2}	Method of Disposal/Recovery ^{Note 3}
Administration, plastic packaging and canteen waste	None	None	Authorised disposal contractor
Waste paper and cardboard	None	None	Authorised re-use contractor
Grounds maintenance waste	None	None	Authorised re-use/disposal contractor
Scrap metal	None	None	Authorised re-use contractor
Timber	None	None	Authorised disposal/recovery contractor
Solids from boiler cleaning	None	None	Authorised disposal contractor
Ion Exchange Resins	None	None	Authorised disposal contractor
Non hazardous Insulation Materials	None	None	Authorised disposal contractor
Sewage sludge	None	None	Authorised disposal/recovery contractor
Toner cartridges	None	None	Authorised re-use contractor
Cooking Oils	None	None	Authorised disposal/recovery contractor
Other ^{Note 4}			

Note 1: Refer also to waste classification, labelling and management obligations specified in Condition 7.

Note 2: The licensee may treat, reuse, recycle or recover waste subject to the prior written agreement of the Agency.

Note 3: The agreed Method and any amendment thereto, shall include details of anticipated waste volumes, classification, transport arrangements, as well as identification (including authorisations and appropriateness) of facility of final destination of disposal/recovery.

Note 4: No other waste shall be disposed of/recovered off-site or on site without prior notice to, and prior written agreement of the Agency.

Schedule 4(i) Surface Water Discharge Monitoring

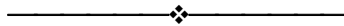
Emission Point Reference No's.:

SW1, SW3, SW4, SW10, SW11 and SW12

Parameter	Monitoring Frequency	Analysis Method/Technique
COD	Quarterly	Standard Method

Emission Point Reference No's.: SS01, SS03, SS04

pH	Annually	pH electrode/meter
Mineral Oil	Annually	Standard Method
Arsenic	Annually	Standard Method
Total Petroleum Hydrocarbons	Annually	Standard Method
Aluminium	Annually	Standard Method
Polyaromatic hydrocarbons	Annually	Standard Method



Schedule 4(ii) Groundwater Monitoring

Emission Point Reference No's.: BH2, BH3, MW101, MW107, MW200, MW203

Parameter	Monitoring Frequency	Analysis Method/Technique
pH	Annually	pH electrode/meter
Mineral Oil	Annually	Standard Method
Arsenic	Annually	Standard Method
Total Petroleum Hydrocarbons	Annually	Standard Method
Aluminium	Annually	Standard Method
Polyaromatic hydrocarbons	Annually	Standard Method

Emission Point Reference No's.: BH4, BH5, BH7, BH9 and BH10

Parameter	Monitoring Frequency	Analysis Method/Technique
pH	Biennially	pH electrode/meter
Vanadium	Biennially	Standard Method
Lead	Biennially	Standard Method
Chromium	Biennially	Standard Method
Total Petroleum Hydrocarbons	Biennially	Standard Method
Polyaromatic hydrocarbons	Biennially	Standard Method



Schedule 5(i) Recording and Reporting to the Agency

Completed reports shall be submitted to:

The Environmental Protection Agency
 Office of Environmental Enforcement
 South East Region
 P.O. Box 3000
 Johnstown Castle Estate
 County Wexford

or Any other address as may be specified by the Agency

Reports are required to be forwarded as set out below:

Recurring Reports:

Report	Reporting Frequency	Report Submission Date
Proposal for an Energy Efficiency Audit	-	As may be required by the Agency.
Complaints (where these arise)	Monthly	Ten days after end of the month being reported on.
Annual Environment Report (AER)	Annually	31 st March 2005 and each year thereafter

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Annual Environmental Report Content	Items to be Addressed in Establishing the Schedule of Objectives & Targets
Emissions to atmosphere report. Emissions to water report. Surface water monitoring report Groundwater Monitoring report Waste management report. Complaints summary. Schedule of Environmental Objectives and Targets Environmental management programme – proposal Environmental management programme – report Pollution emission register – proposal Pollution emission register – report Report on List I & II substance reductions Noise monitoring report Reported incidents summary Energy efficiency audit report (as required) Bund test report (every three years) Total annual emissions of SO ₂ , NO _x and CO ₂ and particulates Fuel use and energy input summaries Amendments to the Oil Spillage Response Plan	Alternatives to use of hydrazine Alternative to the use of trisodium phosphate Opportunities for improvements in energy efficiency Installation of oil sensors on surface water discharges Reduction in number of trade effluent discharge points

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Once-off Reports:

Report	Report Submission Date
Environmental Liabilities Risk Assessment	Within twelve months of the date of grant of licence.
Validation Report for Residuals Management Plan	Within three months of execution of any part of the plan.

Signed on behalf of the Agency

Padraic Larkin

Director/Authorised Person

Dated this 18th day of January 2005.

Headquarters
P.O. Box 3000
Johnstown Castle Estate
County Wexford
Ireland

TECHNICAL AMENDMENT B
TO
INTEGRATED POLLUTION PREVENTION &
CONTROL LICENCE

Licence Register Number:	P0606-02
Licensee:	Electricity Supply Board
Location of Installation:	Great Island Generating Station Campile New Ross County Wexford



Reasons for the Decision

The Environmental Protection Agency is satisfied, on the basis of the information available, that subject to compliance with the conditions of the Integrated Pollution and Prevention Control (IPPC) licence Reg. No. P0606-02 granted on the 18th January 2005, and amended on 24th July 2006, as well as any amendments noted herein, any emissions from the activity will comply with and not contravene any of the requirements of Section 83(5) of the Environmental Protection Agency Acts, 1992 to 2007.

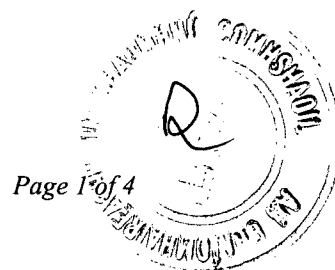
Technical Amendment

In pursuance of the powers conferred on it by Section 96(1)(b) of the Environmental Protection Agency Acts, 1992 to 2007, the Agency amends the licence, granted to Electricity Supply Board, Great Island Generating Station, Campile, New Ross, County Wexford.

Henceforth, the licence shall be read in conjunction with Amendment A, and the amendments set out below. This amendment shall be cited as Amendment B to the licence.

This amendment is limited to the following: -

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Amendments

Conditions

- 3.2** In the case of participation of the plant in a National Emission Reduction Plan (NERP), as defined by Directive 2001/80/EC, the plant's annual average emission level shall be calculated in accordance with the NERP plan.

Amend Condition 3 of the existing licence by deletion of condition 3.2 above.

- 5.1** No specified emission to the atmosphere shall exceed the emission limit value set out in Schedule 1(i) Emissions to Atmosphere, subject to Conditions 3 and 5.2 of this licence. There shall be no other emission to the atmosphere of environmental significance.

Amend Condition 5.1 of the existing licence to read as above.

- 5.2** The aggregated annual emissions ceilings for each of the parameters specified in Schedule 1(i) Emissions to Atmosphere, of this licence, shall not be exceeded. The annual emissions ceilings may be revised in accordance with the implementation, management and operation provisions of the NERP as submitted in associated with the licence amendment request dated 23rd April 2008.

Amend Condition 5.2 of the existing licence to read as above.

- 5.14** The licensee shall include in the Environmental Management Plan (See Condition 2.3) the site specific measures to be taken to deliver the targets contained within the NERP implementation agreement. The Agency shall be notified of any variation to the plan as part of the AER and such notification shall detail the reasons for any deviation between emissions and the targets set out in the agreement, along with any remedial measures to deliver the targets. The Environmental Management Plan shall be reviewed by the licensee where required by the Agency.

Amend Condition 5 of the existing licence to provide for Condition 5.14 above.

Schedules to Licence

Schedule 1(i) Emissions to Atmosphere

Emission Point Reference No.: A1-1 & A1-2

Rating: 175 MW thermal input (per Boiler)

Volume to be emitted: Maximum in any one day (per boiler): 4,306,947m³
Maximum rate per hour (per boiler): 179,456 m³

Minimum discharge height: 137.5 m above ground

Parameter	Emission Limit Value mg/m ³	Annual emissions ceilings ^{Note 1} (tonnes)	
		Unit 1	Unit 2
Oxides of sulphur (as SO ₂)	1700	770	723
Nitrogen oxides (as NO ₂)	850	204	191
Dust	250 ^{Note 2}	23	21

Note 1: Annual emissions from A1-1 and A1-2 shall be calculated in accordance with the NERP.

Note 2: 400 mg/m³ during soot blowing.

Emission Point Reference No.: A1-3

Rating: 305MW Thermal Input

Volume to be emitted: Maximum in any one day: 7,541,044 m³
Maximum rate per hour: 314,210 m³

Minimum discharge height: 137.5 m above ground

Parameter	Emission Limit Value mg/m ³	Annual emissions ceilings ^{Note 1} (tonnes)
Oxides of sulphur (as SO ₂)	1700	1957
Nitrogen oxides (as NO ₂)	900	528
Dust	200 ^{Note 2}	59

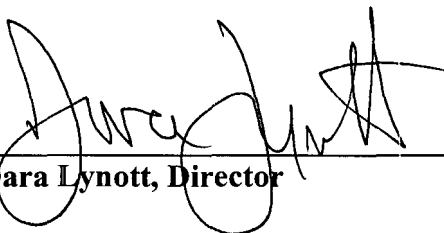
Note 1: Annual emissions from A1-3 shall be calculated in accordance with the NERP.

Note 2: 500 mg/m³ during soot blowing.

Amend the tables in Schedule 1(i) of the existing licence referring to Emission Point Reference Nos: A1-1, A1-2 and A1-3, to read as above.

Sealed by the Seal of the Agency on this the 16th day of May, 2008.

PRESENT when the seal of the Agency was affixed hereto



Dara Lynott, Director

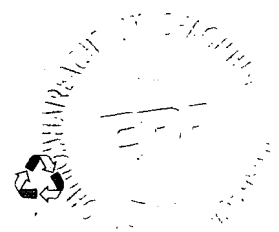
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Headquarters
P.O. Box 3000
Johnstown Castle Estate
County Wexford
Ireland

TECHNICAL AMENDMENT C
TO
INTEGRATED POLLUTION PREVENTION &
CONTROL LICENCE

Licence Register Number:	P0606-02
Licensee:	Electricity Supply Board
Location of Installation:	Great Island Generating Station Campile, New Ross, County Wexford



Reasons for the Decision

The Environmental Protection Agency is satisfied, on the basis of the information available, that subject to compliance with the conditions of Integrated Pollution and Prevention Control (IPPC) licence Reg. No. P0606-02 granted on the 18th January 2005, and amended on 24th July 2006 and 16th May 2008, as well as any amendments noted herein, any emissions from the activity will comply with and not contravene any of the requirements of Section 83(5) of the Environmental Protection Agency Acts, 1992 to 2007.

Technical Amendment

In pursuance of the powers conferred on it by Section 96(1) (c) of the Environmental Protection Agency Acts, 1992 to 2007, the Agency amends the licence, granted to Electricity Supply Board, Great Island, Campile, County Wexford.

Henceforth, the licence shall be read in conjunction with Amendment A issued on 24th July 2006, Amendment B issued on 16th May 2008, and the amendments set out below. This technical amendment shall be cited as Amendment C to the licence.

This technical amendment is limited to the following :

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Condition 1.4 "Any reference in this licence to 'site' shall mean the plan area edged in red, but excluding the three areas shaded in red within the plan area, on the drawing entitled 'Site Map for IPPC Licensing', Drawing No. SK 051108-D01, which was submitted to the Agency on the 10th November 2008 as part of the application for this amendment."

Amend Condition 1.4 of the licence, to read as above.

Condition 15.2.2 "The licensee shall, within three months of the date of this amendment, identify the measures taken or adopted at the site in relation to the prevention of environmental damage, and the financial provisions that have been put in place in relation to the underwriting of costs for remedial actions following anticipated events (including closure) or accidents / incidents, as may be associated with the carrying on of the activity. A statement of the measures and financial provisions shall be included as part of the AER."

Amend Condition 15.2.2 of the licence, to read as above.

Condition 15.2.3 "The Environmental Liabilities Risk Assessment shall be reviewed as necessary to reflect any significant change on site, and in any case every three years following initial agreement. review results are to be notified as part of the AER."

Amend Condition 15.2.3 of the licence, to read as above.

Condition 15.2.4 "As part of the measures identified in Condition 15.2.2, the licensee shall, to the satisfaction of the Agency, put in place financial provision to cover any liabilities identified in Condition 15.2.1. The amount of indemnity held shall be reviewed and revised as necessary, but at least annually. Proof of renewal or revision of such financial indemnity shall be included in the annual 'statement of measures' report identified in Condition 15.2.2."

Amend Condition 15.2.4 of the licence, to read as above.



Condition 15.2.5 "The licensee shall have regard to the Environmental Protection Agency Guidance on Environmental Liability Risk Assessment, Decommissioning Management Plans and Financial Provision when implementing Conditions 15.2.1 and 15.2.4 above."

Amend Condition 15 of the licence, to include condition 15.2.5 as above.

**Schedule 4(ii)
Groundwater
Monitoring**

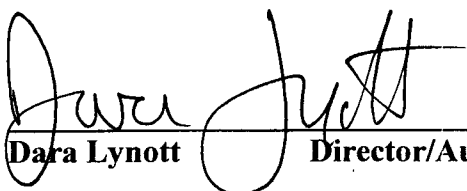
Emission Point Reference No's.: BH5, BH7, BH9 and BH10

Parameter	Monitoring Frequency	Analysis Method/Technique
pH	Biennially	pH electrode/meter
Vanadium	Biennially	Standard Method
Lead	Biennially	Standard Method
Chromium	Biennially	Standard Method
Total Petroleum Hydrocarbons	Biennially	Standard Method
Polyaromatic hydrocarbons	Biennially	Standard Method

Amend Schedule 4(ii) Groundwater Monitoring of the licence, to read as above.

Sealed by the Seal of the Agency on this the 15th day of December, 2008

PRESENT when the seal of the Agency was affixed hereto


Dara Lynott Director/Authorised Person



B.6 Relevant Sanitary Authority

There will be no discharges to the local authority sewer from the development.

B.7 Relevant Health Board Region

Information relating to the relevant Health Board is included in the main application form.

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