



PROJECT ASSESSMENT REPORT			
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<b>Site:</b>	Torness		
<b>Title:</b>	EC353479 – Paper of Principle – Neutron Flux Detector Programme		
<b>Licence Instrument No:</b> (if applicable)	Acknowledgement 536		
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**Document Acceptance and Approval for Issue / Publication**

Role	Name	Position	Signature	Date
Author	██████████	Programme Delivery Support		
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Approval for publication <sup>2</sup>	██████████	Superintending Inspector		

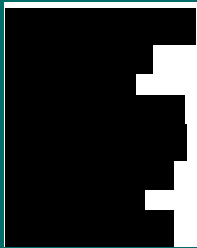
**Revision History**

Revision	Date	Author(s)	Reviewed By	Accepted By	Description of Change

**Circulation (latest issue)**

<sup>1</sup> Acceptance of the PAR to allow release of LI

<sup>2</sup> Approval is for publication on ONR web-site, after redaction where relevant

Organisation	Name	Date
Office for Nuclear Regulation		

Request for Agreement or Acknowledgement under arrangements made under condition  
LC22(1)

EC353479 – Paper of Principle – Neutron Flux Detector Programme

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## EXECUTIVE SUMMARY

Request for Agreement or Acknowledgement under arrangements made under condition LC22(1)

EC353479 – Paper of Principle – Neutron Flux Detector Programme

### Permission Requested

EDF Nuclear Generation Limited (EDF NGL) has written to ONR to request agreement or acknowledgement regarding the Neutron Flux Detector Programme. Under Licence Condition 22(1), the licensee is required to control any modification or experiment carried out on any part of the existing plant or processes which may affect safety. ONR has acknowledged receipt of a letter and document (reference 1) from the licensee which relates to degradation in performance of a number of in-core detectors and the absence of a robust supply chain at Torness and Heysham 2 power stations.

Following consideration of the safety significance of this submission, ONR does not intend to undertake further assessment.

### Background

The purpose of this Project Assessment Report (PAR) is to record ONR's decision not to assess a safety submission from EDF NGL. This decision was taken by the Civil Nuclear Reactor Programme (CNRP) based on judgement of the safety significance of the licensee's submission and its relative priority compared to other safety significance issues.

### Assessment and inspection work carried out by ONR in consideration of this request

ONR CNRP has based its decision not to assess this EDF NGL submission based upon the outcome of its LC22 prioritisation and management process. ONR's decision is based on the following factors:

1. There are no significant unresolved nuclear safety issues.
2. There is no novelty/complexity for ONR or NGL.
3. ONR has confidence in NGL's arrangements for undertaking this project.
4. There are no significant reduction in safety margins.
5. A Licence Instrument is required by the Licensee's arrangements.
6. There is no conventional safety risk in undertaking project.
7. There are no IRR risks in undertaking the project.

The reasoning for this decision is supported by Reference 3.

### Matters arising from ONR's work

None.

### Conclusions

A standard acknowledgement Licence Instrument should be issued to EDF NGL.

## Recommendation

ONR recommends the issue of a standard acknowledgement LI to EDF NGL.

## REFERENCES

1. EDF NGL Letter: Torness Power station, Nuclear Site Licence Sc14, Request for Agreement or Acknowledgement under Arrangements made under Site Licence Condition LC22(1): EC353479 - Paper of Principle – Neutron Flux Detector Programme dated 27 February 2015, Unique No NSLTOR50531R(TRIM ref 2015/85838)
2. Email from [REDACTED] to [REDACTED] detailing recommendations.(TRIM ref 2015/192506)
3. CNRP Evaluation Check Sheet.(TRIM ref 2015/192492)

## LIST OF ABBREVIATIONS

CNRP	Civil Nuclear Reactor Programme
CNS	Civil Nuclear Security (ONR)
HOW2	(Office for Nuclear Regulation) Business Management System
LI	Licence Instrument
NGL	Edf Energy Nuclear Generation Ltd
ONR	Office for Nuclear Regulation (an agency of HSE)
PSA	Probabilistic Safety Assessment
PSR	Preliminary Safety Report
SAP	Safety Assessment Principle(s) (HSE)
SFAIRP	So far as is reasonably practicable
SSC	System, Structure and Component
TAG	(ONR) Technical Assessment Guide