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| ONR Project Assessment Report  Hinkley Point B - Emergency Plan – Project Assessment Report – Approval 573 |



ONR Project Assessment Report

**Project Name**: Hinkley Point B - Emergency Plan

**Report Title**: Project Assessment Report – Approval 573

**Dutyholder/ Applicant**: EDF Energy Nuclear Generation Limited

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# Executive Summary

EDF Energy Nuclear Generation Limited has requested ONR’s approval of an amendment to the site emergency plan for the Hinkley Point B nuclear power station. In accordance with ONR’s arrangements, this Project Assessment Report documents ONR’s decision to approve the emergency plan.

The current emergency plan was amended in April 2023 to reflect the change in the potential consequences of an accident or emergency associated with the end of power generation. Although the emergency plan describes the on-site response, for reference purposes it also contains a copy of the off-site detailed emergency planning zone, determined by the local authority.

The consequences report, associated with the end of generation, identifies a reduction in the minimum technical distance for the off-site urgent protective action to shelter. Based on advice from the United Kingdom Health Security Agency and following consultation with council members and the public, the local authority has redetermined the detailed emergency planning zone for Hinkley Point B.

ONR is satisfied that the revised detailed emergency planning zone is accurately represented in the revised Hinkley Point B emergency plan and that there are no matters that would prevent ONR’s approval.

Therefore, it is recommended that ONR issues Licence Instrument 573 under LC 11(3) for Nuclear Site Licence 62C, giving ONR’s Approval of the Hinkley Point B site emergency plan.

Table 2: List of abbreviations

|  |  |
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| Term/Acronym | Description |
| DEPZ | Detailed Emergency Planning Zone |
| HPB | Hinkley Point B |
| ONR | Office for Nuclear Regulation |

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# Permission Requested

1. In October 2023, EDF Energy Nuclear Generation Limited (the ‘licensee’) requested [1] ONR’s approval of an amendment to the site emergency plan [2] for the Hinkley Point B (HPB) nuclear power station. In accordance with ONR’s arrangements, this Project Assessment Report documents ONR’s decision to approve the emergency plan.

# Background

1. The HPB site emergency plan is an approved document under LC 11 (2), which means that the licensee cannot alter, amend or implement a revised plan without ONR’s approval under LC 11 (3).
2. The current emergency plan (revision 014) was amended in April 2023 to reflect the change in the potential consequences of an accident or emergency associated with the end of power generation.
3. Although the emergency plan describes the on-site response, for reference purposes it also contains a copy of the off-site Detailed Emergency Planning Zone (DEPZ), determined by the local authority (Somerset County Council).
4. The licensee’s revised consequences report, associated with the end of generation, identifies a reduction in the minimum technical distance for the off-site urgent protective action to shelter. Based on advice from the United Kingdom Health Security Agency (UKHSA) and following consultation with council members and the public, the local authority has redetermined the DEPZ for HPB.
5. Subsequently, the licensee has amended the HPB emergency plan (revision 015) to include the updated DEPZ.

# Assessment and Inspection Work Carried out by ONR in Consideration of this Request

1. In accordance with the regulatory permissioning plan (PR-01469), consideration of the licensee’s request to approve the HPB emergency plan has been limited to confirming that the DEPZ determined by the local authority has been accurately represented.
2. An ONR emergency preparedness and response inspector has confirmed [3] that the map presented in revision 015 of the site emergency plan is consistent with the revised DEPZ for the Hinkley Point B site.

## Engagement with other Governmental Agencies

1. The Environment Agency site inspector for HPB has confirmed [4] that they do not have any objections to ONR approving the HPB site emergency plan.

# Matters Arising from ONR’s Work

1. There are no outstanding matters that would prevent ONR approving the HPB site emergency plan.

# Conclusions

1. ONR have confirmed that the revised DEPZ is accurately represented in the HPB emergency plan and that there are no matters that would prevent ONR’s approval.

# Recommendations

1. ONR issues Licence Instrument 573 under LC 11(3) for Nuclear Site Licence 62C, giving ONR’s Approval of the HPB site emergency plan.

# References

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| [1] | “HPB Letter for Submission of Site Emergency Plan for Approval - October 2023 NSL HNB 51474 R. ONRW-2019369590-4556”. |
| [2] | “Hinkley Point B Nuclear Power Station Defueling Emergency Plan, HINB/EHB/SEC/01, revision 015. ONRW-2019369590-4557”. |
| [3] | “EPR inspectors advice on HPB DEPZ Ref NSL HPB 51474 R. ONRW-2019369590-4558”. |
| [4] | “Hinkley Point B - Approval of Emergency Plan - Notice of No Objection - Environment Agency. ONRW-2019369590-4684”. |