



Health & Safety Executive
NII

DIV CIRCULATION + Press Office

Incident Report no.

06-07

File reference NUC 18/9 P23 E78

NUC 306/22 P5 E53

NUC 306/70/7 P3 E36

Preliminary Report - Provisional Information

Nuclear Incidents - Fast Stream Report FAST 1

The following is a preliminary report of a nuclear incident and is without prejudice to the results of further investigation and study. It is provided for information ONLY at this stage and should not be used without further reference to NII.

Please transmit by hand at all stages. NOTE: REPORT TO BE TYPED OR COMPLETED IN BLACK INK AND BLOCK CAPITALS

1. Name of site: Sizewell A Power Station

Date of Incident: 7/1/2007

Time of incident: 13:11

Source of information:

Time and date information received:

14:00, 7/1/2007

Part of plant involved: Fuel Pond Recirculating Water System

2. Nature of Incident:

Licensee INES rating: INES 1

A fracture of a 10 inch diameter pipe on the pond recirculating water system led to the leak of 40000 gallons of pond water into the effluent treatment plant. Aproximately half of the water was flushed into the storm drain. The licensee estimated that the 40000 gallons contained 3.6 GBqs of radioactive Cesium. The water had also been treated with Sodium Hydroxide. At the time of the report the leak had been stopped – no injuries to personnel although some minor contamination on footwear.

Is the incident likely to be of interest to the Department of Transport

Yes

☐

No

☒

Not known

☐

Was radioactivity released?

Yes

☒

No

☐

Not known

☐

If yes, give quantity and nature of release - 3.6 Gbqs of Cesium (other actinides unknown at the time of the report)

Were personnel affected?

Yes

☒

No

☐

Not known

☐

If Yes, How were they affected? - Minor contamination to footwear.

Is the incident notifiable under Licence Conditions or other statutory provisions?

Yes

☒

No

☐

Not known

☐

Does the incident meet HSE's publication criteria?

Yes

☐

No

☐

Not known

☒

If Yes - which criterion?

1
☐

2a
☐

2b
☐

3
☐

4a
☐

4b
☐

5
☐

Is the Press likely to have an interest ?

Yes

☒

No

☐

Is the Licensee reporting the incident under the Ministerial Reporting

Yes

☐

No

☐

Not known

☒

Is the licensee issuing a press release?	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	Not known	<input type="checkbox"/>
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3. Initial Estimate of Safety Implication

Is the safety significance thought likely to be:

	Major?	<input type="checkbox"/>	Minor?	<input type="checkbox"/>	Not known	<input checked="" type="checkbox"/>
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affecting only the reported site?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Not known	<input type="checkbox"/>
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be applicable to other sites?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	Not known	<input checked="" type="checkbox"/>
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have major significance:

a) in the short term?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	Not known	<input checked="" type="checkbox"/>
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b) in the long term?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	Not known	<input checked="" type="checkbox"/>
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Any other comments

The licensee declared a site incident, setup the Emergency Control Centre and the CESC. Emergency services were contacted and were sent to the site. The licensee confirmed that it had contacted the Environment Agency.

4. Action taken by NII

Confirmed that the leakage had been securely contained and that all personnel had been mustered. Gained assurances that all environmental monitoring systems were functioning correctly and that the appropriately qualified staff were available to the licensee. I also confirmed that EA had been contacted.

5. Any Other Comments

Site Inspector will follow-up this incident in accordance with NSD's Business Procedures.

Report made by

Name (in BLOCKS)



Date

8/1/2007