

# BRITISH MOVIE TONE NEWS

## EDITORIAL DOPE SHEET

Cameraman HUMPHRIES J.

Soundman \_\_\_\_\_

Date 16th. November 1955

Cut length \_\_\_\_\_

Location CUMBERLAND

Type of Film \_\_\_\_\_

Description of cut subject : "NEW ATOMIC ENERGY PLANT IN CONSTRUCTION"

General views from various angles of Reactor No.3. (laying foundation of one portion)

General views and closer shots of Reactor No.2.

Shots of Cooling Towers.

Interior shots showing men working on turbines.

Shot showing pipes leading to Water Tower.

Shots also of Reactor No.1.

ALSO COVERED BY ITV.BBC.NBC.

Also covered by :-

DOUNREAY - NEWSREEL RELEASE.

Wide publicity has been given to Britain's first atomic power station at Calder Hall, but these are the first pictures of a power reactor of an entirely new and advanced type which the Atomic Energy Authority is building at Dounreay in the North of Scotland.

Scene 1. 10 ft.

The Dounreay reactor will be what is known as a breeder reactor - producing more fuel than it consumes.

Scene 2. 13 ft.

The reactor will be housed in a giant sphere - 135 feet in diameter, built of steel plates.

Scenes 3 & 4. 25 ft.

The foundation of the extensive laboratories and chemical processing buildings.

Scenes 5 & 6. 33 ft.

Inside the sphere at the base is the steel skirt on which will be built the core of the reactor - little bigger than a dustbin - inside the thick shield of concrete.

Scene 7 - 31 ft.

Large quantities of sea water will be used for cooling - a diver examines the rock bed of the sea to check the position of the sea water pump house channel, which leads to...

Scene 8. 9 ft.

The sea water supply tank, excavated from the rock.

Scene 9 22 ft.

Inside the sphere, the support ties, like ribs of an umbrella, show how the metal plates are positioned for welding.

Scene 10. 14 ft.

Some impression of size when looking down into the sphere from the present top course 60 feet from the ground.

Scene 11. 17 ft.

All materials have to be brought by road to this far away point in Caithness.

The nearest port is at Scrabster Harbour, 12 miles away.

Scene 12. 6 ft.

The Air Lock trimming Panel section is now in position. Another is to be fitted on the opposite side of the sphere.

Scene 13. 7 ft.

One of the 208 plates in the bottom half of the sphere is being positioned.

Scene 14. 37 ft.

One of the hazards of the job - the sea breaking over men preparing to drill holes for blasting charges.

Scene 15. 22 ft.

The coastline of Caithness, panning round to the top of the sphere.