

Local 2437

May 10th. '57.

At Dounreay- in the far North of Scotland- one of Britain's most fascinating atomic developments is rapidly taking shape.

7 Dominating this new research centre is a sphere 135 ft high, weighing 1500 tons; ~~which~~<sup>it</sup> houses what is called a fast "Breeder" reactor, in which the central core (the size of a dustbin), will generate heat equal to 60,000 kilowatts.

2 | From this core, which is surrounded by protective material and heat exchangers, electricity will be fed into the National Grid. <sup>27</sup> ~~4~~

This full-scale experiment will provide ~~Britain and the world with~~ ~~extra~~ information, affecting the atomic Power Stations of the future, when one ton of uranium will be made to do the work of a million tons of coal. <sup>10</sup> ~~3~~

The Works Manager- Major-General Joslin, and the Resident Engineer- ~~xxxxxxxxxxxx~~ proudly survey Dounreay, which (like Calder Hall) is the first of its type in the World.

~~xxxxxxxxxxxx~~ <sup>9</sup> Meanwhile, divers ~~are busy drilling holes for charges~~ <sup>DESCEND TO CHECK</sup> ~~to blast away the rock to form a seawater inlet- needed for cooling purposes~~. <sup>14</sup> ~~3~~

In the Fuel Element Department, ~~xxxxxxxxxxxx~~ an ~~xxxxxxxx~~ inspector (clothed in a pressurised suit) checks up on the equipment used for this great atomic enterprise. <sup>7</sup> ~~4~~

~~xxxxxxxxxxxx~~ Another striking feature of this latest provider of nuclear energy for peaceful purposes, ~~xxxxxx~~ mechanical hands ~~that~~ weigh radio-active materials, with uncanny precision. <sup>8</sup> ~~9~~

And in the Fuel Element ~~Fabricating Room~~, <sup>And here</sup> uranium (the white metallic element which provides the source of atomic energy) is minutely weighed. <sup>7</sup>

~~xxxxx~~ But towering over everything, is the great steel sphere- which ~~is~~ houses the life-blood of this vast ~~and~~ Scottish undertaking. <sup>14</sup> ~~3~~