

SHIPMENT:
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SUBJECT: H - BOMB: U.S. SCIENTISTS GO AHEAD
Incl Pictures of Birmingham University Synchrotron

Date Recd:	Orig / Neg	:Dupe :Neg	: :Lav.	: F.G. : B/W /	: Release : B/W	: Red : Master
Date of Issue	Neg. Track	:Pos :Track	: Mute :	: Comb. :	: Length: :	: ft. :

INDEX

Washington DC
Birmingham
Atomic Energy
 1-27
Industrial
Political - Foreign
 Govt - US
 8-13
Personalities
Lilienthal, David
Synchrotron
Peierls, Prof. R.E.

LOCATION OF STORY Birmingham University and America..

SHOT LIST

- | | | | | |
|-----|--------|--|----|-------|
| I. | G.V. | Pan Oakridge laboratories. | 12 | Lib. |
| 2. | S. | Pan protective wire fence. | 6 | 2111c |
| 3. | S. | 'Prohibited Zone' - sign. | 5 | " |
| 4. | G.V. | Elevated atomic scientists at work. | 5 | " |
| 5. | S.V. | Scientists at work. | 6 | " |
| 6. | S. | Type pushing container marked - 'Danger Do Not Operate' - into bank. | 3 | " |
| 7. | M. | Type closing door of Bank No. I. | 6 | " |
| 8. | M. | David Lilienthal leaving building, walks to reception desk to hand in identity card at Atomic Energy Commission HQ. | 6 | N.Y. |
| 9. | S.C.U. | Identity card being handed over. | 2 | " |
| 10. | S. | Lilienthal shaking hands with receptionist. | 6 | " |
| 11. | M. | Fellow workers waving goodbye. | 3 | " |
| 12. | L. | Lilienthal walks down steps and waves goodbye. | 3 | " |
| 13. | C.U. | Lilienthal saying:
'The last four years I've been living with the atom day and night. As I leave to become a private citizen, I'm glad of this chance to share with the people of the United States my great sense of confidence in the future, If we are not timid, if we keep our shirts on, if we do not yield to hysteria and jitters, I believe we stand at the beginning of the greatest period in all human history'. 5I | 5I | " |
| 14. | G.V. | Synchrotron at Birmingham University, showing man working on magnet. | 10 | Jorda |
| 15. | S.V. | Man working on magnet. | 7 | " |
| 16. | S.V. | Sides of sychrotron. | 5 | " |

BIRMINGHAM

Cuts of Issue No:	LIBRARY NO.	P.T.O.
Used In Issue No: 50/16	ORIG	K
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|-----|--------|---|----|---------|
| 17. | S.V. | Men walking up ladder against synchrotron to work inside. | 17 | Jordan. |
| 18. | S.V. | Men working inside synchrotron. | 7 | " |
| 19. | M.V. | Type working on synchrotron. | 6 | " |
| 20. | S.C.U. | Type adjusting dials of synchrotron. | 5 | " |
| 21. | S.V. | Type adjusting small part of machinery on synchrotron. | 5 | " |
| 22. | | Travel shot inside cyclotron. | 5 | " |
| 23. | S.V. | Types working on cyclotron. | 8 | " |
| 24. | C.U. | Type. | 4 | " |
| 25. | M.V. | Type working on cyclotron. | 5 | " |
| 26. | S.V. | Professor ^{RE} Peierls sitting at desk writing. He says:
'After we've heard all about the atom bomb, the hydrogen bomb adds a new, grim touch to the art of destruction. Grim for the people threatened with it in the next war and worse for the conscience of those people who will share the responsibility of using it in the next war, if it ever comes. | 44 | " |
| 27. | S.C.U. | If the terrifying power of these new weapons should bring nations to get together and eliminate warfare they will have served a good purpose after all. | 21 | " |

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SUBJECT: ~~ATOMIC RESEARCH AT BIRMINGHAM~~
UNIVERSITY

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Date of Issue Neg. :Pos : Mute / : Comb. : Length: 76 : ft.
Track :Track : : : : : :

I N D E X

Birmingham ✓
Atomic Power ✓
1-10

LOCATION OF STORY Birmingham university.

S H O T L I S T

1. M.S. G.V; Synchrotron.
2. C.U. Type working on synchrotron.
3. C.U. Type working on cyclotron.
4. M.V. Types working on cyclotron.
5. C.U. Type.
6. M.V. Types working inside synchrotron.
7. H.U. Exterior synchrotron, pan up.
8. S.C.U.Type working on synchrotron.
9. S.C.U.Ditto.
10. L.V.Types working on synchrotron.

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