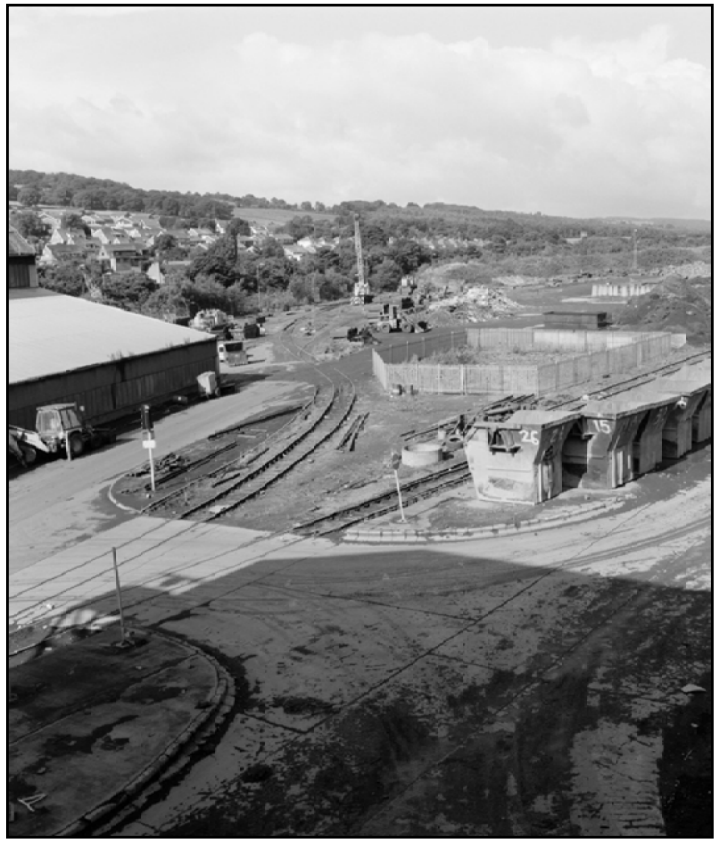

Plate 1: General view looking west across scrap-yard (film 10:3)

Plate 2: General view looking northwest across scrap-yard (film 10:2)

Plate 3: General view across A2, noting truncated gantries and Kress carrier (film 12:10)

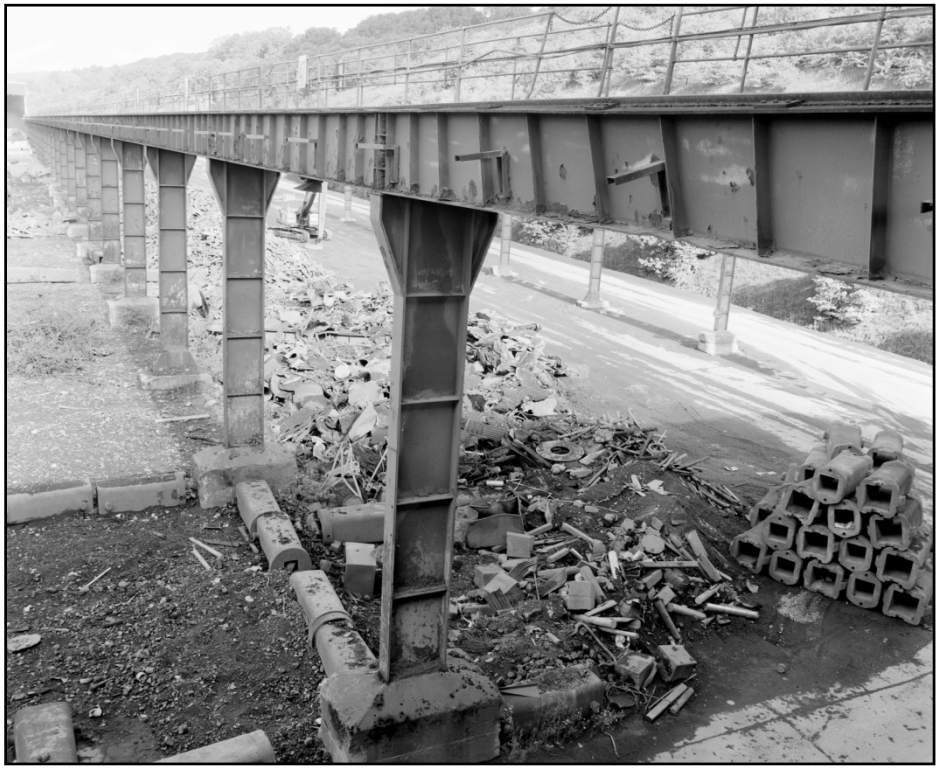

Plate 4: Detail of gantry across A2 (film 10:10)

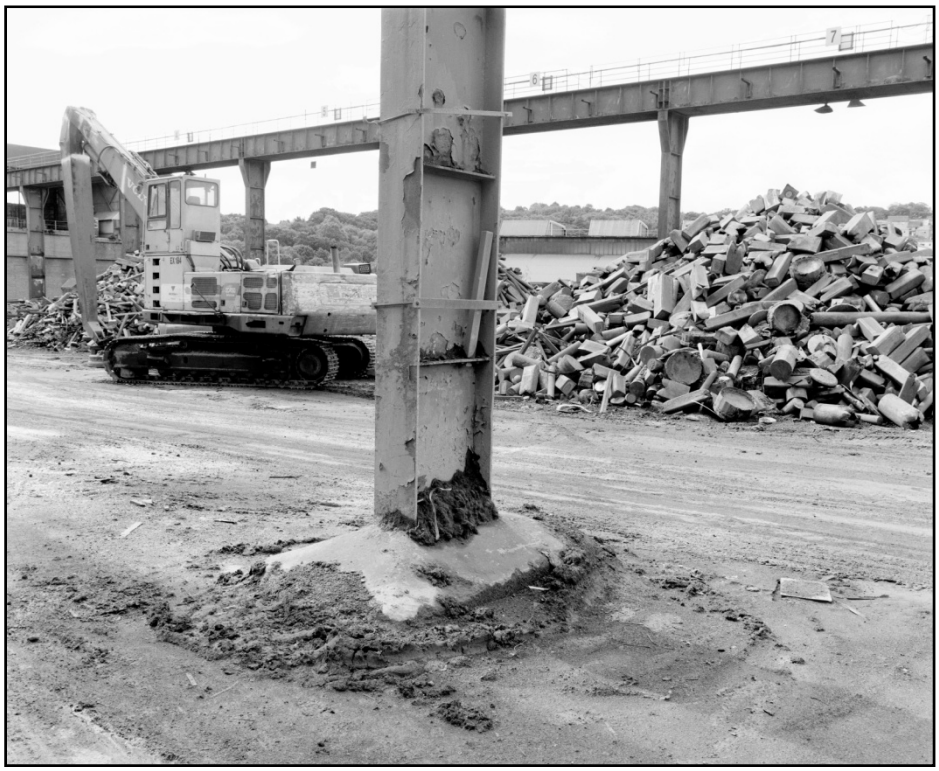

Plate 5: General view of gantry stanchions and scrap heaps in A2 (film 12.6)

Plate 6: Detail of Kress carrier carrying scrap skip (film 12:9)

Plate 7: Detail of wheel loader (film 12:7)

Plate 8: Details of electromagnetic loading of scrap (film 13:1)

Plate 9: General view of railway sidings and crane (film 15:4)

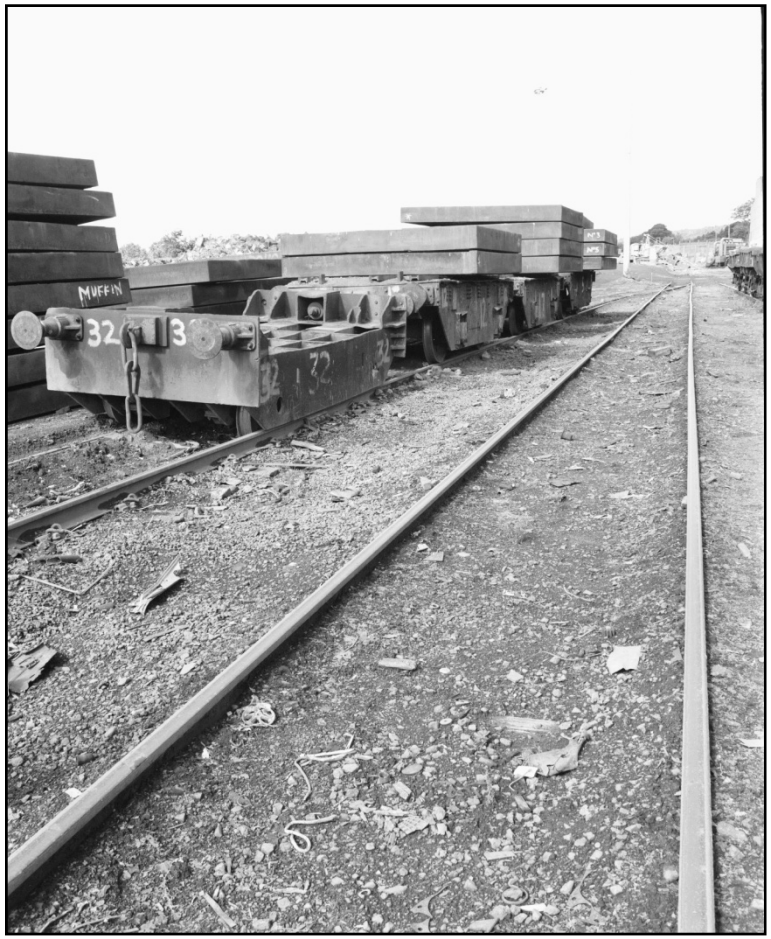

Plate 10: General view of railway wagons (film 13:7)

Plate 11: Cutting scrap with thermal lance (film 13.10)

Plate 12: Long arm 360 degree machine with orange peel grab (film 15:1)

Plate 13: General view of breaking with dropped wrecking ball (film 14:5)

Plate 14: Southwest elevation of building A3 (film 13:3)

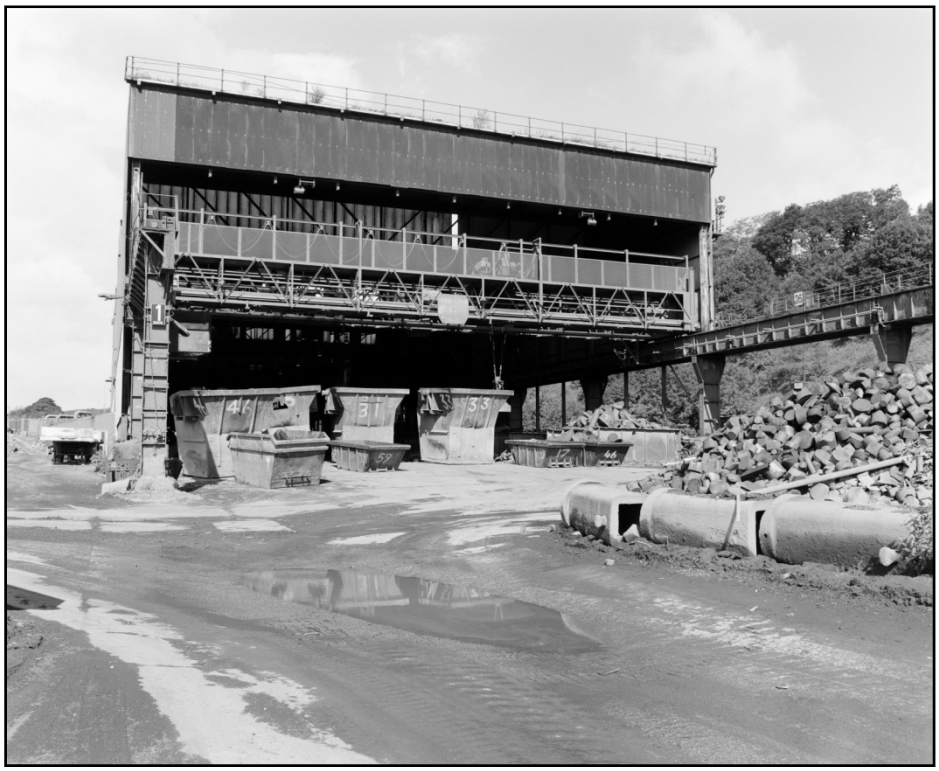

Plate 15: General view of southeast end of building A3 (film 13.8)

Plate 16: Interior of A3 looking west, noting ingot moulds for recycling (film 14:1)

Plate 17: Interior of A3 looking north, showing loading of scrap (film 14:3)

Plate 18: General view of west end of heavy melt acid steel pile (13:2)

Plate 19: Detail of baled basic steel shred (film 13:5)

Plate 20: Detail of baled basic steel shred (13:6)

Plate 21: Detail of east elevation of building A1 (film 12:2)

Plate 22: General view of west elevation of A1, noting travelling crane in first floor (film 12:3)

Plate 23: General view of Interior of top floor of building A1, noting gantry and end of travelling crane (film 10:8)

Plate 24: Detail along drive shaft of travelling crane (film 11:8)

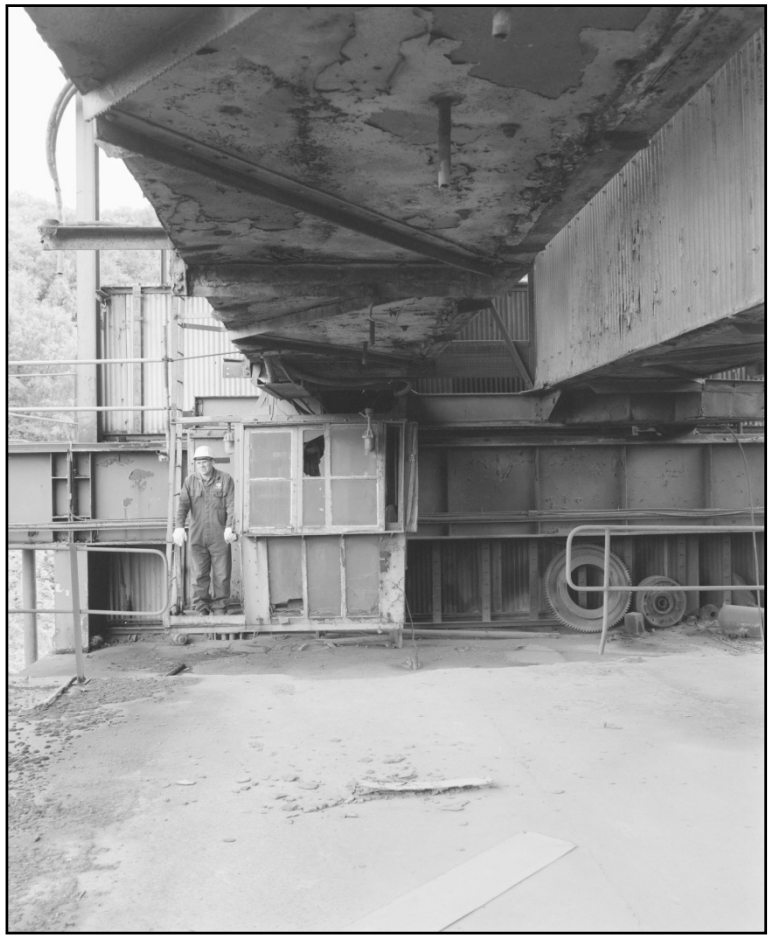

Plate 25: Detail of cab on overhead crane (film 11:4)

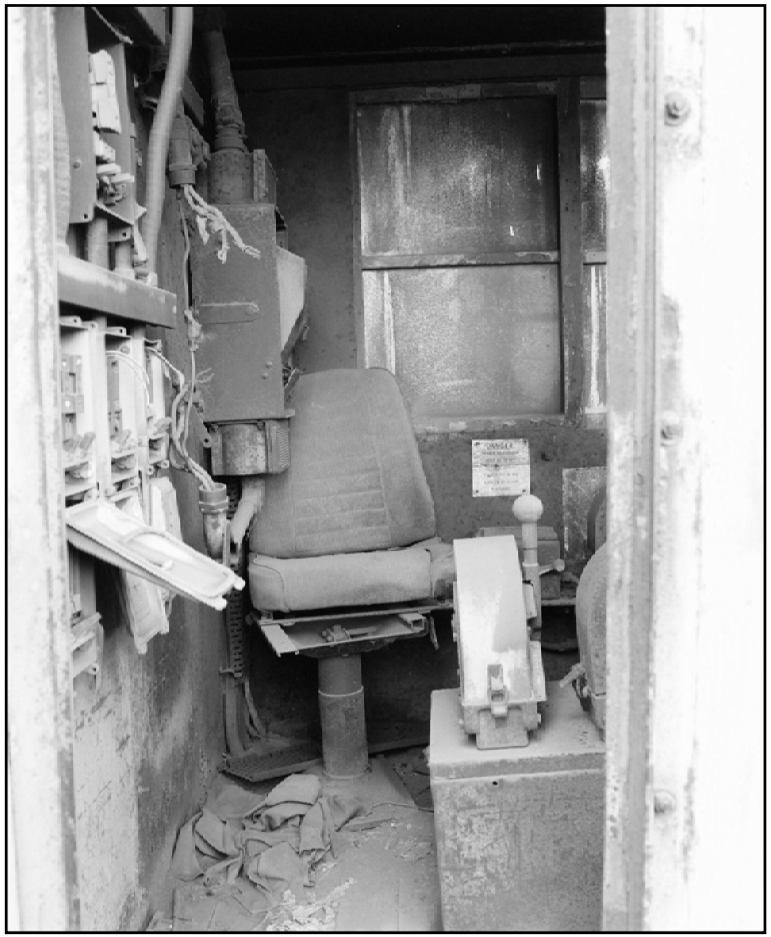

Plate 26: Detail of interior of cab (film 11:5)

Plate 27: General view of interior of ground floor of building A1

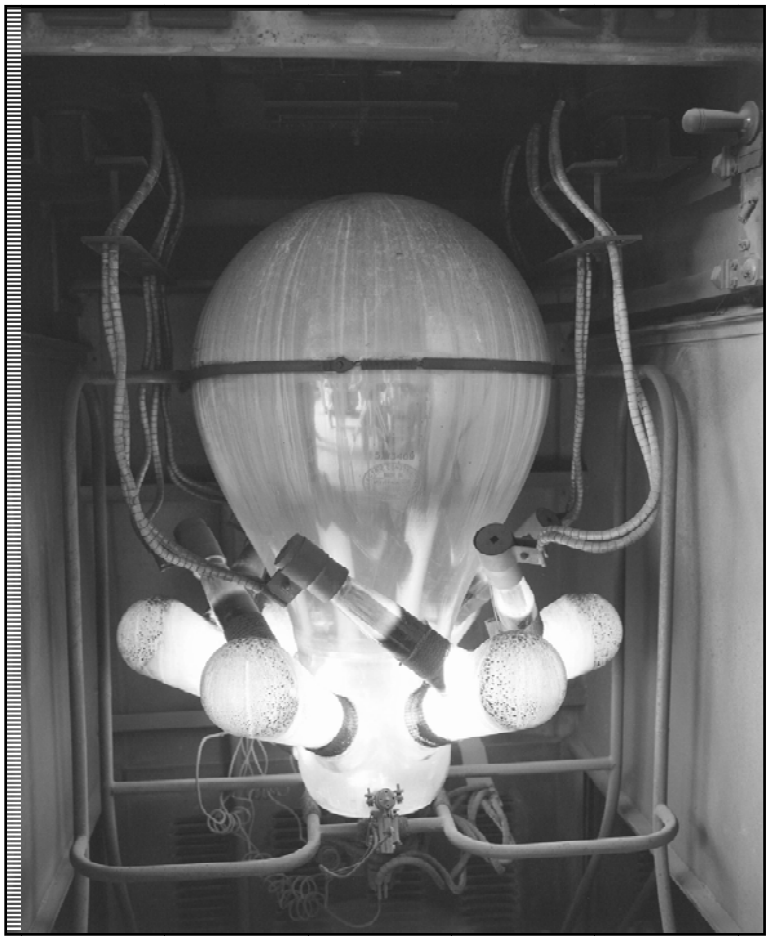

Plate 28: Detail of mercury arc rectifier in building A1 (film 11:9)

Plate 29: Scrap waste from melting knocked out from base of previous melts (film 13:4)

Plate 30: General view of slag lagoon to west of building A3 (film 14:7)

Plate 31: General view looking east of A1 noting road infrastructure. Melting shop is situated to right and scrapheap behind (film 15:10)

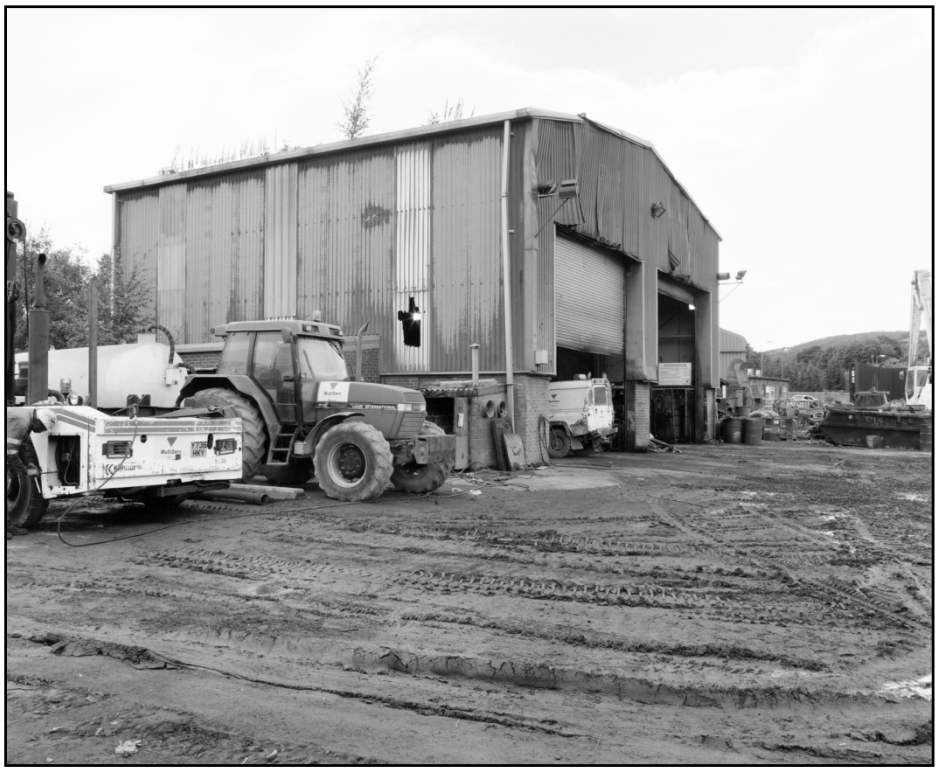

Plate 32: General view of Kress maintenance building A5 (film 15:2)

Plate 33: General view of west elevation of building A6 (film 15:9)

Plate 34: General view of interior of A6 (15.7)

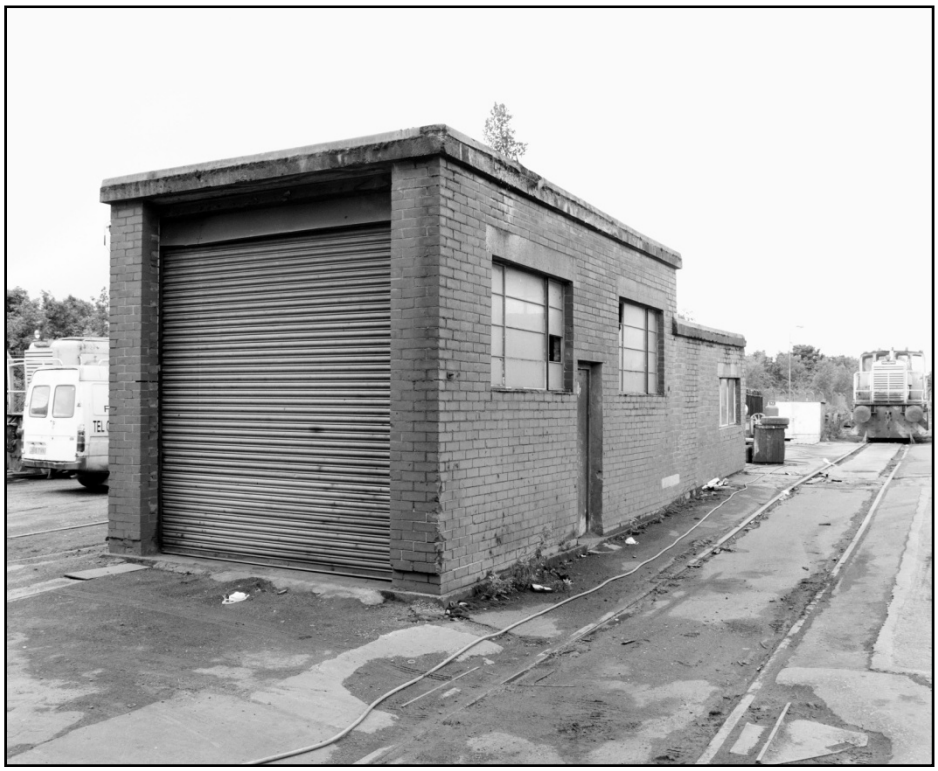

Plate 35: General view of A7 looking west (15.6)

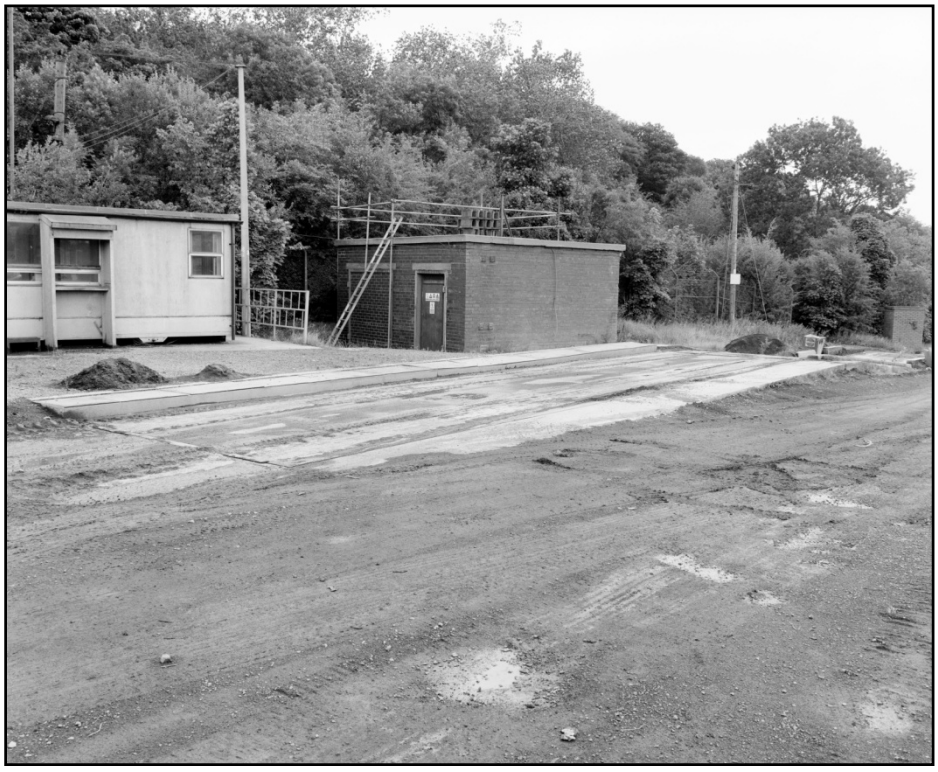

Plate 36: General view of weighbridge and offices, looking northeast (film 14:9)

Plate 37: General view of west elevation of melting shop, note access road to left of picture linking building with scrapyard

Plate 38: General view of melting shop looking southwest

Plate 39: Detail of electric arc furnace within melting shop, showing the furnace roof being opened and a charging basket being manoeuvred into position above the furnace shell.

Plate 40: The clamshell doors of the basket are opened and the scrap steel is deposited into the furnace

Plate 41: The scrap is tamped into the furnace in order to allow the furnace roof to re-close

Plate 42: The furnace roof is swung back into place

Plate 43: The electrodes are lowered and the arc is struck into the scrap, starting the melt

Plate 44: The arc stabilizes as the scrap begins to melt and the process continues

Plate 45: The electrodes are withdrawn and the roof of the furnace is opened to receive a second charge

Plate 46: As the roof continues to open the charging basket is manoeuvred into position

Plate 47: The scrap is charged into the furnace

Plate 48: The second charge of scrap steel begins to glow

Plate 49: The furnace roof is closed and the arc is re-struck

Plate 50: The arc stabilizes once again and the melt continues

Plate 51: A charge of limestone is manoeuvred into position above the furnace

Plate 52: The limestone is tipped into the melt

Plate 53: The limestone causes the formation of slag on the surface of the melt

Plate 54: Prior to de-slagging a ladle is lowered into position below the slagging door

Plate 55: When in position the slagging pit cover plate is replaced then the slagging door is opened

Plate 56: The furnace is tilted and the molten slag is poured into the ladle

Plate 57: Alloys are charged into the furnace through the slagging door. These combine with the molten steel to produce stainless steel

Plate 58: After alloying the metal is ready for pouring. Before the furnace is tapped the electrodes are withdrawn

Plate 59: As soon as the chemical and physical properties of the melt are within specification the furnace is tilted and molten steel is tapped into a waiting ladle

Plate 60: Ladle of molten stainless steel is lifted from the tapping pit

Plate 61: The ladle is transferred to the teeming area

Plate 62: The molten steel is teemed into moulds

Plate 63: On cooling, an overhead crane is used to move the moulds and the stainless steel ingots are removed

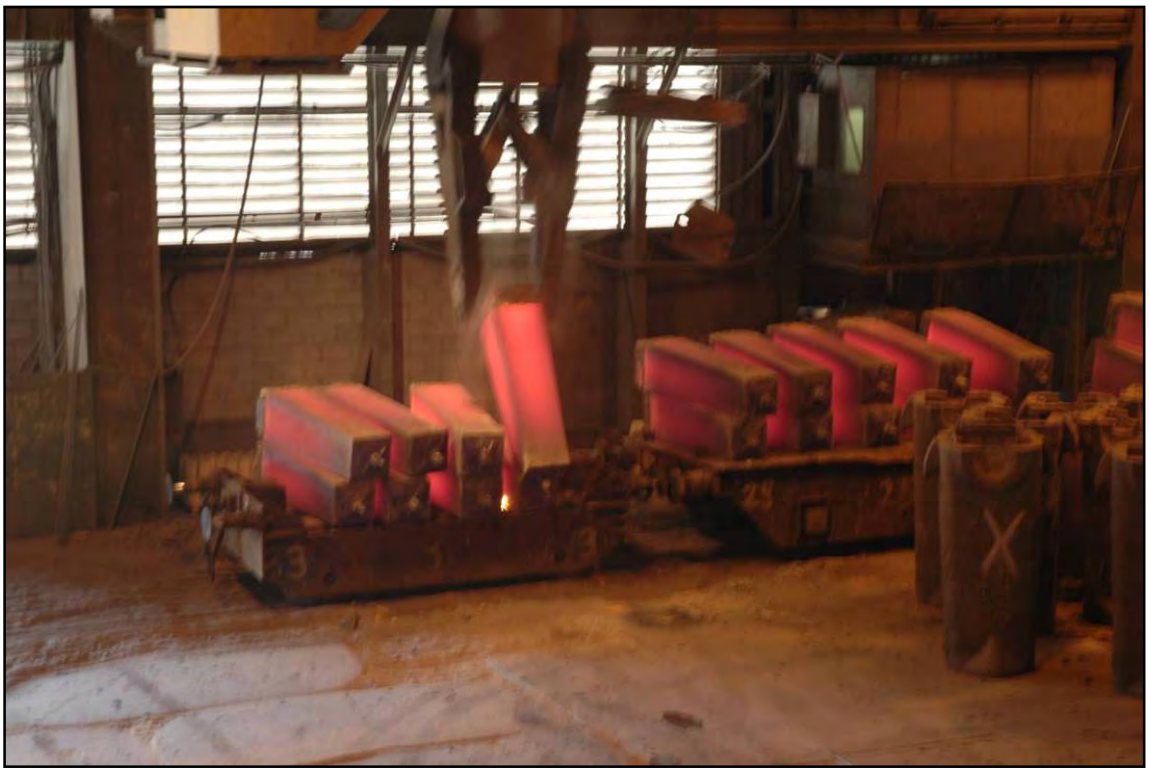

Plate 64: The finished ingots are loaded on to flat bogies for transfer from the melting shop