An invitation to the
Rutherford Appleton Laboratory
of the
Science and Engineering Research Council
for the

CLOSING CEREMONY

of the

I B M 360/195
computer

by
W. Walkinshaw

on
Thursday 21st October 1982
at 18.45 in the
Atlas Centre

RSVP

History of Rutherford's 195s

Installed in November 1971 in the R1 building, the 360/195 represented an increase in power of six times that of it predecessor, the 360/75. It cost 3,000,000 pounds, was top of IBM's 360 range and was designed specifically for the science and engineering community.

The hardware was commissioned and accepted in 15 days – a remarkable feat for those days.

The machine mainly provided a batch service, but also supported an ever-increasing terminal system (ELECTRIC) and remote job entry network.

With demand for computing continuing to rise, a second 195 was installed in the Atlas Centre during 1976 and the original 195 moved to join it.

The operating system that controlled the machines was OS/MVT supplemented by a coupled HASP as the spooling system.

The few statistics shown on the previous page show the number of jobs processed on the machine and their notional value.

So ends an era of a splendid computing engine: undoubtedly unique in its time.

PROGRAMME

18.00 onwards	COFFEE AVAILABLE
18.45	CLOSING DOWN CEREMONY
	Dr. G. MANNING — Director RAL
	Mr. D. J. LIVERMORE — IBM sales director — will speak about the 195 series
	Dr. R. TAYLOR will run the last program
	Mr. W. WALKINSHAW will switch off the machine
19.30	BUFFET MEAL

STATISTICS

Processing on 195/1 started at 17.48 on 16 November 1971 All the statistics refer to the combined labours of both 195s

Total jobs run	6,738,168 jobs
Total CPU time	79,945.89 hours
Total cost of jobs	24,569,383 pounds
(at prevailing Government Rate)	

Breakdown by SERC Board

Board	CPU Usage (hours)	Jobs (number)
ASR	3871.25 (4.8%)	540,908 (8.0%)
ENG	3935.79 (4.9%)	215,441 (3.2%)
NP	55004.09 (68.8%)	3,398,371 (50.5%)
Science	12114.35 (15.2%)	776,452 (11.5%)
Others	5020.41 (6.3%)	1,806,996 (26.8%)