

# CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its deferred character is indicated by suitable or pre-address.

# WESTERN UNION

A. N. WILLIAMS  
PRESIDENT

1220

## SYMBOLS

DL = Day Letter

NLT = Night Letter

LC

NLT = Cable

Ship Radiogram

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination.

FB276 DL PD=WUX BERKELEY CALIF 22 1213P

DR WARREN WEAVER, DIRECTOR OF NATURAL SCIENCES=

ROCKFELLER FOUNDATION 49 WEST 49 ST NYK=

I WANT TO REPORT TO YOU BEFORE WORD MAY REACH YOU VIA THE GRAPEVINE THAT WE HAVE HAD EXTRAORDINARY SUCCESS IN APPLYING FREQUENCY MODULATION TO THE CYCLOTRON WITH THE RESULT THAT WE NOW HAVE EVERY CONFIDENCE THAT THE 184 INCH (WHICH ORIGINALLY YOU WILL RECALL WE HOPED MIGHT POSSIBLY PRODUCE 50 MILLION VOLTS PROTONS, 100 MILLION VOLTS DEUTERONS, AND 200 MILLION VOLTS ALPHA PARTICLES) IS GOING TO PRODUCE 400 MILLION VOLTS PROTONS, 200 MILLION VOLTS DEUTERONS, AND 400 MILLIONS ALPHAS. THIS AS YOU WILL APPRECIATE IS OF TREMENDOUS CONSEQUENCE TO THE FUTURE OF NUCLEAR PHYSICS. PLEASE INFORM PRESIDENT FOSDICK WHO WAS SO KIND TO SUGGEST THAT THE FOUNDATION MIGHT HELP FINANCIALLY WITH THE COMPLETION OF THE CYCLOTRON, THAT THE MANHATTAN PROJECT HAS AGREED TO PROVIDE THE NECESSARY ADDITIONAL FUNDS. HOPE YOU ARE WELL ALONG TO ROBUST HEALTH AND LOOKING FORWARD TO SEEING YOU LATE NEXT MONTH=

ERNEST O LAWRENCE RADIATION LAB UNIV OF  
CALIF BERKELEY CALIF.

184 50 PROTONS 100 DEUTERONS 200 ALPHA 400 PROTONS 200  
DEUTERONS 400 CYCLOTRON.