- THIS SLIDE SHOWS THE LAYOUT OF THE COMPUTER AND ITS VARIOUS ATTACHMENTS. THE ONE WE ARE INTERESTED IN IS THE VS60 INTERACTIVE DISPLAY.

- WE CAN CALL UP INFORMATION SUCH AS "WELLS AT HANFORD" AND BY USING A LIGHT PEN (A DEVICE WHICH ACTIVATES BY TOUCHING A SPOT ON THE SCREEN) CALL ANY WELL OF RECORD AT HANFORD.

- A SECOND METHOD IS TO SIMPLY TYPE THE WELL NUMBER ON THE SCREEN. BY TOUCHING THE CONTINUE [ ] THE MACHINE WILL THEN GIVE US ADDITIONAL INFORMATION.

- THIS ADDITIONAL INFORMATION LISTS VARIOUS TYPES OF DATA AVAILABLE AND AT WHAT LOCATION IT CAN BE RETRIEVED. BY TOUCHING THE LIGHT PEN TO ~~SAY~~ CONTAMINATION HISTORY THE A WILL CHANGE TO A C AND THE ~~BIT OF~~ INFORMATION APPEARS. THIS LISTING ~~OF~~ IS BEING EXPANDED INCLUDE ALL ANALYSIS PERFORMED ON SAMPLES AT HANFORD. BY TOUCHING TRITIUM WE THEN GET THE NEXT SLIDE.

- THIS SLIDE ~~IS~~ THE ONE OF PRIMARY INTEREST. IT SHOWS THE HISTORY OF ^{3}H IN A SPECIFIC WELL. BY USING THIS DATA WE CALCULATE THE L.R. AND A 2 SIGMA DEVEATION. IF THE RESULTS ARE OUTSIDE THE PROJECTED 2 SIGMA DEVIATION THE MACHINE FLAGS THE DATA AND THE INPUT INFORMATION IS REVIEWED. IS THE INFORMATION REAL, WRONG WELL, POOR ANALYSIS, OR ENTERED INCORRECTLY. THE WELL WILL EVEN BE RESAMPLED IF WE CANNOT DETERMINE THE CAUSE OF THE FLAGGED DATA. THE SYSTEM WILL ALSO PROJECT TO A DATE AS TO WHEN THE CONCENTRATION WILL DROP BELOW DETECTION LIMITS OR REACH MPC OR OTHER CONCENTRATIONS FOR WHICH WE HAVE A CONCERN.

THIS SYSTEM IS CALLED SCREEN AND WILL BECOME AVAILABLE TO ALL CONTRACTORS AT HANFORD. IT WILL GIVE US THE ABILITY TO PREDICT WHEN CONCENTRATIONS BECOME A CONCERN AND WILL PREVENT UNUSUAL DATA FROM BEING OVERLOOKED. THIS IS JUST ANOTHER EXAMPLE OF HOW THE GROUND WATER SURVEILLANCE PROGRAM IS MAKING IT EASIER FOR US TO UNDERSTAND THE MIGRATION OF CONTAMINANTS IN THE GROUND WATER AT HANFORD.