

Brigham Young University

SABBATICAL LEAVE REPORT

Date 2 Sept 1976Name H. Tracy HallCollege Physical & Math SciencesDepartment ChemistryRank Distinguished Professor

Time of Sabbatical Leave:

From Sept 1975To Aug 1976

Original purpose for which leave was granted: Professional Development Leave
without financial compensation from BYU for personal research,
writing, and consulting.

(If for any reason there was any diversion from this, please state fully the reasons why and the date of written approval of such change and by whom)

Summary of place or places resided, activities and accomplishments: (please use additional sheets if necessary)

1. Commissioned by the United Nations to establish a high pressure laboratory at the National Physical Laboratory, New Delhi, ^{India} on an approximately \$100,000. budget. This was accomplished.
2. Writing: "High Pressure Techniques" a section of a book to be published by John Wiley & Edited by Bryant Rositer. 90% accomplished.
3. Designed a High Pressure Machine for the High Temperature Institute, Moscow USSR. Co-builders of the apparatus are Ingersoll Rand & Coderintec Corp. The apparatus is computer controlled and is the most elaborate high pressure machine in the world. Including the computer, this is a \$500,000. project. Project is 80% complete (construction included). BYU will receive royalties on this one.
4. Designed a new 300 ton high pressure press and started construction on same at my own expense. The press has new experimental features to test. Project 40% complete and is dormant because of lack of funds.
5. one month Genealogy Research trip covering Vermont, New York, West Virginia, Ohio, and Iowa. Very exciting! Wish I could spend 6 months at this.
6. Planned Solar-Heated & Wind Powered House to be built near Payson on a 35 acre farm I own there. Project; i.e., actual construction, is just starting. The project is personally financed. Prelude to the project was library research and a visit to NASA's windmill near Cleveland.
7. Misc: Far-East tour with wife, attendance various technical meetings, energy research.

July 4, 1976 - Bishop Provo Pleasant View First Ward.

Some of Church Responsibilities held by H. Tracy Hall (Dates are approximate).

1975 - present Sunday School Teacher, Young Adults, P. View 1st Wd. Provo.

1973 - ¹⁹⁷⁵ present Priest/Explorer Advisor, Pleasant View 1st Ward, Provo, Utah

1972 - 73 Stake Clerk, B. Y. U. 10th Stake, Provo, Utah

1969 - 72 High Councilman, B. Y. U. 10th Stake, Provo, Utah

1967 - 69 Explorer Advisor, Pleasant View 1st Ward, Provo, Utah

1962 - 67 2nd Councilor Bishopric, Pleasant View 1st Ward, Provo, Utah

1961 - 62 Councilor Elders Quorum Presidency, Pleasant View 1st Ward, Provo, Utah

1959 - 61 Councilor, M. I. A. Presidency, Pleasant View 1st Ward, Provo, Utah

1956 - 60 Explorer Advisor, Pleasant View 1st Ward, Provo, Utah

1955 - 56 Sunday School Stake Board Member

1950 - 55 District Councilman, Albany-Hudson (New York) District Eastern States Mission

1948 - 50 Sunday School Superintendent, Schenectady, New York Branch

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