

ENVIRONMENTAL / ENGINEERING GEOLOGISTS

HGS Environmental/Engineering Committee Evening Meeting September 8, 1993

Topic: "Naturally Occurring Radioactive Material"

**Presented by: William Feathergail Wilson,
Strata Environmental Services, Inc.**

EVENING:

Place: **Houston Engineering and Scientific Society (HESS) Bldg.**
Tentatively scheduled for the
Houston Suite III (down hallway
to right of atrium)
3121 Buffalo Speedway
(Located north of Hwy 59 in the
Greenway Plaza area between
Richmond and W. Alabama)

Time: **Social-6:30 p.m.**
Program-7:00 p.m. to 8:00 p.m.

In an attempt to better meet the needs of our members and guests, the format for our evening meeting is being changed. The evening meeting is being moved initially to the HESS Building. The "dinner" meeting will no longer have food available; with the Program being later in the evening to allow some time for a quick dinner. Free parking is available in the lot behind the HESS Building.

NATURALLY OCCURRING RADIOACTIVE MATERIAL

NORM is an emerging environmental issue in the home, industry and the petroleum industry. NORM includes Radon ²²², Radium ²²⁶, ²²⁸ Lead ²¹⁰, gross alpha and beta particles, phosphogypsum and many other radionuclides. New regulations have just been promulgated

in Texas and by the end of 1993 it is expected that 12 states will have their own NORM regulations. The EPA is also working on NORM regulations which affect the Safe Drinking Water Act. The author will review the basic elements and definitions of NORM as well as the new regulations.

WILLIAM "FEATHER" WILSON-

Biographical Sketch

Mr. Wilson is a graduate of the Univ. of Texas in Austin with a M.S. in Geology and a B.A. in English. He has been involved for over three decades in Exploration, Production and Environmental Geology, both on the domestic and international fronts. His oil and gas experience includes geological responsibilities at Texaco, El Paso Natural Gas Co., Tesoro and Placid Oil, where he has served as Vice President of Placid's world wide exploration efforts. He has served as hydrogeologist to the Alamo Area Council of Governments on an Edwards Aquifer project, Account Executive in NYC for Merrill Lynch, and has staffed a part-time Assistant Professorship of Geology at Univ. of Texas in San Antonio. After moving into the environmental field in 1991, Feather Wilson has been involved in his own consulting firm, Strata Environmental Services, Inc., where he has performed numerous ESA's, environmental audits

and has published several environmental research papers, including his recently published book on NORM. He has been quite involved in presenting several research projects, in addition to his course instruction on Phase I ESA's.