

1998 NRAMP publications, reports, and presentations by Anthony E. Hechanova

Publications and Papers:

Baepler, D.H., ed., A.E. Hechanova, A. Doyle, P. Jeanne, S. Kimball, K. Knight, J.W. Newton Jr., R. Paul, C. Sully, and C. West, compilers, *Ecological Bibliography*, Harry Reid Center for Environmental Studies, University of Nevada, Las Vegas, NV, Updated December 31, 1998.

Lauckner K., A.E. Hechanova, H. Inhaber, and P. Morris, "Focus Group on DOE Low-Level Radioactive Waste: A Case Study in Nevada," *Proceedings*, 19th National Low-Level Radioactive Waste Management Conference, Salt Lake City, UT, November 10-12, 1998.

Hechanova, A.E., *NRAMP Comments on "Modeling Potential Effects of Subsidence at the Area 5 RWMS for the GCD Compliance Assessment Analyses (Brown et al., 1998),"* Letter report, Harry Reid Center for Environmental Studies, University of Nevada, Las Vegas, NV, October 21, 1998.

Baepler, D.H., and A.E. Hechanova, *NRAMP Comments on "Draft Bioturbation Model for the Compliance Assessment Analyses of the Transuranic Wastes in the Greater Confinement Disposal Boreholes (Wirth, September 1998),"* Letter report, Harry Reid Center for Environmental Studies, University of Nevada, Las Vegas, NV, October 19, 1998.

Hechanova, A.E., and A.K. Singh, *Comments on "Performance Assessment in Support of the 1996 Compliance Certification Application for the Waste Isolation Pilot Plant (Helton et al., 1998),"* Letter report in response to request by *Risk Analyses: An International Journal* editor Vicki M. Bier, Harry Reid Center for Environmental Studies, University of Nevada, Las Vegas, NV, October 19, 1998.

Hechanova, A.E., V. Hodge, and P.S. Morris, *NRAMP Comments on "Draft Source Term and Solubilities for the Greater Confinement Disposal 40 CFR 191 Performance Assessment (Steinborn and Brush, 1998),"* Letter report, Harry Reid Center for Environmental Studies, University of Nevada, Las Vegas, NV, October 9, 1998.

Hechanova, A.E., and V. Hodge, *Source Term Screening of Underground Nuclear Detonations at the Nevada Test Site*, Draft report, Harry Reid Center for Environmental Studies, University of Nevada, Las Vegas, NV, September, 1998.

Hechanova, A.E. and J.E. O'Donnell, *Estimates of Yield for Nuclear Tests Impacting the Groundwater at the Nevada Test Site*, Internal report, Harry Reid Center for Environmental Studies, University of Nevada, Las Vegas, NV, September 25, 1998.

Hechanova, A.E., E.A. Johnson, and S. Pensinger, "A Recommendation for Dose-Response Predictions that Addresses Stakeholder Concerns," *Proceedings*, International Conference on Probabilistic Safety Assessment and Management (PSAM4), New York, New York, September, 1998.

Hechanova, A.E., B.T. Mattingly, and P.S. Morris, "A Stakeholder-Based Risk Characterization of Operating Radioactive Waste Management Sites at the Nevada Test Site," *Proceedings*, International Conference on Probabilistic Safety Assessment and Management (PSAM4), New York, New York, September, 1998.

Hechanova, A.E., *NRAMP Comments on "Native Plant Uptake Model for the Performance Assessment of TRU Waste Buried in GCD Boreholes at the Nevada Test Site, June 30, 1998 (Draft)"*, Letter report, Harry Reid Center for Environmental Studies, University of Nevada, Las Vegas, NV, August 3, 1998.

Pensinger, S., and A.E. Hechanova, "A Methodology for Dose and Risk Calculations that Addresses Stakeholders' Concerns," *Proceedings*, 43rd Annual Meeting, Health Physics Society, Minnesota, MN, July 12-16, 1998.

Hechanova, A.E., and P.S. Morris, "Plutonium-contaminated Soil Remediation in Nevada," *Proceedings*, Youth and the Plutonium Challenge Forum, Obninsk, Russia, July, 1998.

Hechanova, A.E., *Participant Comments on the Technical Working Group Meeting Greater Confinement Disposal Performance Assessment June 22-23, 1998, Las Vegas, Nevada*, Letter report, Harry Reid Center for Environmental Studies, University of Nevada, Las Vegas, NV, June 26, 1998.

Hechanova, A.E., and L.J. O'Neill, *Description of the Nevada Test Site and Nellis Air Force Range Complex Activities in Nevada*, Informal report, Harry Reid Center for Environmental Studies, University of Nevada, Las Vegas, NV, May, 1998.

Hechanova, A.E. *DOE/NV Independent Panel Implications of Fernald Leaking Container Issues on NTS Radioactive Waste Management Site Performance Assessment*, Letter report, Harry Reid Center for Environmental Studies, University of Nevada, Las Vegas, Nevada, April 13, 1998.

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Hechanova, A.E., B.T. Mattingly, P.S. Morris, and L.J. O'Neill, "A Stakeholder-Based Risk Characterization of the Nevada Test Site Radioactive Waste Management Sites," *Proceedings*, Waste Management '98 Symposia, Tucson, Arizona, March, 1998.

Presentations:

Hechanova, A.E., "The Legacy of Nuclear Weapons Testing in Nevada," Nuclear Engineering Department Invited Seminar, Massachusetts Institute of Technology, Cambridge, MA, September 21, 1998.

- Morris, P.S., and A.E. Hechanova, "Lessons Learned During Comparison of Two Contaminant Transport and Dose Modeling Codes," Poster presentation, 43rd Annual Meeting, Health Physics Society, Minnesota, MN, July 12-16, 1998.
- Hechanova, A.E., "A Perspective on Nevada Public Opinion: Perception is Part of the Plutonium Problem," Youth and the Plutonium Challenge Forum, Obninsk, Russia, July, 1998.
- Hechanova, A.E., and L.J. O'Neill, Nevada Test Site Tour, NRAMP Groundwater and RadWaste Focus Groups, Harry Reid Center for Environmental Studies, University of Nevada, Las Vegas, NV, May 30, 1998.
- Hechanova, A.E., "Innovative Technologies to Solve Radioactive Waste Problems," NRAMP RadWaste Focus Group lecture, Harry Reid Center for Environmental Studies, University of Nevada, Las Vegas, NV, April 25, 1998.
- Hechanova, A.E., "Implications of Fernald Leaking Container Issues on NTS Radioactive Waste Management Site Performance Assessment," Community Advisory Board for Nevada Test Site Programs Invited Lecture, Las Vegas, NV, April 1, 1998.
- Hechanova, A.E., "Current Waste Treatment Techniques," NRAMP RadWaste Focus Group lecture, Harry Reid Center for Environmental Studies, University of Nevada, Las Vegas, NV, March 28, 1998.
- Hechanova, A.E., "The Nevada Risk Assessment/Management Program (NRAMP)," Health Physics Department Invited Seminar, University of Nevada, Las Vegas, NV, March 20, 1998.
- Hechanova, A.E., "Radiological Risk Assessment," Poster presentation, Nevada Science and Technology Symposium, Experimental Program to Stimulate Competitive Research (EPSCoR), Las Vegas, NV, January 8-9, 1998.