



**A Special Message from Greg Johnson, CEO of New Logic Research**

*April, 2011*

We are constantly reminded of the power of Mother Nature. Every time we think we have seen the worst that Mother Nature can throw at us, an even stronger disaster strikes. Looking at the recent events that have taken place in Japan, I realize how often water is both the vehicle for destruction as well as the subsequent suffering after the initial catastrophe has occurred.

Sometimes suffering is a result of too much water, but more often, it comes from not enough. During the 1906 Earthquake in San Francisco, many people died from the earthquake itself, but even more died during the fires that burned uncontrollably and leveled the entire city. The water system had been destroyed and water could only be brought in by truck. During the recent Hurricane Katrina, the actual hurricane did modest damage, but most of the destruction came from the flood that occurred as rising seawaters breached levees. As the floodwater swept in, municipal wastewater treatment plants were breached spreading raw sewage and water treatment plants were overwhelmed with polluted water. And although New Orleans sat in two meters of floodwater, there was no safe water supply and people died from unsanitary conditions and disease.

In Japan, the same flooding has occurred to even a greater extent and the same issues with sanitary conditions and safe drinking water exist. However, a far greater danger is present now in the form of radioactive cooling water that is leaking from power plants affected by the earthquake and subsequent tsunami. Once again, water is the vehicle of destruction.

New Logic Research is attempting to offer help to solve the contaminated water problem at the Fukushima power plant. The plant has been forced to discharge cooling water that is contaminated with iodine-131. This is the least damaging radioactive material that is present. Iodine-131 has a half-life of only eight days and the hope is that it will dissipate in the ocean and that the aftermath of these discharges will be minimal. This kind of discharging has been done to make room for water containing cesium and other materials that are much more deadly. The current discharge of iodine-131 is only a temporary solution and eventually thousands of tons of radioactive water will need to be treated to make containment complete and to make the area safe for working.

Time is of the essence and we will pursue every avenue possible to offer its assistance. We have associates in the industry who are meeting with U.S. and Japanese government officials and these industry experts are recommending VSEP as the solution. Our authorized representative in Japan, Techno Alpha, is also pursuing contacts to make this solution known. I will be traveling to Tokyo for meetings to collaborate with Techno Alpha as we collectively pursue a viable solution.

The disaster in Japan reminds us of how powerful nature truly is, and who has ultimate control of this planet. We are proud of VSEP as it continues to be an enabling technology in environmental remediation. Moments like these remind us how grateful we are to be in the business of solving implacable challenges. Our team at New Logic Research hopes to be of the utmost service, in Japan, and anywhere the need takes us.

Greg Johnson

