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CYBERSECURITY & EMERGING TECHNOLOGIES

Van Ness Feldman's cybersecurity and emerging technologies team represents clients with a diverse range of counsel on a multitude of cyber-related vulnerabilities that threaten critical infrastructure—including oil and gas pipelines; LNG facilities; offshore oil and gas rigs/platforms; electricity generation, transmission, and distribution assets; hydropower and municipal water facilities; nuclear reactors and chemical plants; and medical, research and academic institutions. With an increased prevalence of threats to physical, natural, and cyber systems, both public and private sector entities must strengthen their defense and resilience against at-risk systems—particularly given an increased reliance on networks necessary to operate these systems, and the severe health, safety, environmental, and regulatory consequences from cyber-attacks to these types of assets.

Our team combines decades of experience providing regulatory compliance, risk mitigation, incident response, and advocacy representation to the energy and environmental sectors and is highly-regarded for assisting clients with their efforts to keep critical infrastructure secure.

EMERGING TECHNOLOGIES

Our emerging technologies practice advises and counsels companies working in, and impacted by, emerging technologies including artificial intelligence, autonomous vehicles, biometrics, grid energy storage, the internet of things, robotics, unmanned aerial vehicles, and wireless energy transfer. For more information about how our emerging technologies practice can help with navigating this new and developing area contact [Scott Nuzum](#).

GOVERNMENT RELATIONS & ADVOCACY

Through our experiences and relationships, we are able to effectively coordinate funding and other legislative efforts for our clients. Team members have significant experience assisting clients with advocacy regarding the development and implementation of cybersecurity-related legislation. Our team also has noteworthy executive branch experience with agencies that have oversight of systems at risk of cyber-attacks.

REGULATORY COMPLIANCE & MONITORING

Our professionals make it a priority to stay ahead of new legislation, regulations, and other cyber developments, in order to keep our clients well versed and in compliance with requirements as they arise. Our team is able to ensure regulatory compliance with The National Institute of Standards and Technology (NIST) Framework, the Pipeline Security Guidelines by the Transportation Security Administration (TSA), and various electric power industry reliability standards, including the Critical Infrastructure Protection (CIP) standards enforced by the North American Electric Reliability Corporation (NERC).

RISK MITIGATION & INCIDENT RESPONSE

Employing our unique understanding of the regulatory framework governing these industries, our attorneys, with the help of cyber risk professionals, can conduct compliance audits to evaluate general operational system vulnerabilities and offer potential solutions, including system improvements, and employee training to mitigate risks.

In the event that a cyber-incident does occur, our team is able to conduct internal investigations and help

with coordinating with enforcement authorities and provide appropriate notifications in the event of a security breach. In addition, for clients that have avoided incidents to date, we can offer advice on response planning, including partnering with technical experts to conduct "table top" exercises that yield lessons learned from a simulated incident.

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