Fours years after the BP Deepwater Horizon oil spill devastated the Gulf of Mexico, a bill to protect offshore oil and gas whistleblowers who expose health and safety violations on rigs is still waiting to be enacted by the Senate. As industry begins to drill deeper and deeper, should this bill be passed to protect workers' lives, break down the industry's culture of silence and mitigate the chance of another oil spill devastating the region?

"Workers must be protected when they raise concerns about unsafe working conditions, and they must have the right to stop working if they fear they could be injured or killed," US Representative George Miller says on the Committee on Education & the Workforce website in support of a bill he introduced in 2010 to create a whistleblower protection law for workers in the offshore oil and gas industry working in the Gulf of Mexico.

Miller introduced the Offshore Oil and Gas Worker Whistleblower Protection Act in response to the BP Deepwater Horizon disaster, which killed 11 members of staff working on the Macondo well.

The bill, modelled on other modern whistleblower statutes, is designed to protect an employee who reports to an employer, or a federal or state government that he or she reasonably believes the employer is violating the Outer Continental Shelf Lands Act (OCSLA) from being discharged or otherwise discriminated against. The bill also offers other kinds of protection, such as making an aggrieved employee eligible for reinstatement and establishing a process for an employee to appeal an employer's retaliation.

Miller has highlighted the fact that Deepwater Horizon workers had safety
Blowing the whistle – should offshore oil & gas workers be better protected? - Offshore Technology

Sea change: offshore safety and the legacy of Piper Alpha

The Piper Alpha disaster in 1988 shocked the world, and changed offshore safety management and legislation in the North Sea beyond recognition. Unlike in the UK, US employees in most industries have little protection against being fired due to the principle of 'employment at will', which means an employer can sack an employee for any reason or no reason at all, according to Steve Herman from the law firm Herman, Herman & Katz.

Whistleblower protection in the US is usually reserved for federal government and those deemed to be defrauding the state out of money. But as the bill points out, there is a case to protect whistleblowers by law in the offshore oil and gas industry in order to protect the wider economy - tourism and the fishing industry are two areas that are affected - and the environment around the Gulf of Mexico.

"What the bill is saying is that drilling, particularly after the BP oil incident, is recognised to be a potential harmful activity not just in respect to workers but to the environment and the ripple effects to the economy, so it makes sense for them to have a protective class," says Herman.

The industry's culture of silence

However, even if the law was enacted it may not have any impact on the industry's traditionally closed culture. Although there are now more avenues for workers to report violations, speaking out about critical negligence, even while being protected by law, may still prove problematic for offshore workers.

"Frankly, even with whistleblower protection statutes, it is rare for individuals to come forward to report wrongdoing, and usually they get fired or demoted anyway," says Cornell University law professor Jeff Rachlinski.

However, Herman points out a whistleblower law would be a "step in the right direction".

"There are lots of reasons why the ordinary market forces would act as a deterrent [to whistleblowing], so I think this kind of tips the balance at least a little bit the
Looking comparatively to the UK, it also doesn't offer whistleblower protection but there are much more stringent labour laws, under which employers must go through a lengthy process before they can dismiss an employee. Tommy Campbell, a regional officer for the Unite union, says the introduction of a whistleblower law would have the union's support.

"There is a need to give full protection against victimisation and/or dismissal, otherwise employees, understandably, will want to retain anonymity and may well not come forward given the culture of fear that exists in the offshore and onshore industries," Campbell says.

Looking back - could a whistleblower have prevented disaster?

If Miller's whistleblower law, or an alternative, had been enacted pre-2010 would it have made any difference to the outcome of Deepwater Horizon? Gulf Restoration Network coastal resiliency organiser Jonathan Henderson is sceptical it would have prevented the disaster altogether.

"Would a revelation like that have prompted the Feds to come storming out to the rig to immediately shut down the massively expensive operation? Would a whistleblower act give the Feds the authority to take rapid, decisive, costly action based on unconfirmed information? Would the Feds even have the will to do that?" he asks.

Herman adds: "Hopefully if you had a bill like this in place it might have tipped the scales the other way and would have avoided the whole disaster. Could I say that would have happened? No, but it would have been a step in the right direction."

A law protecting whistleblowers and workers performing clean-up activities on the Outer Continental Shelf might not change the culture of the industry overnight but, faced with the prospect of litigation, companies could begin to scrutinise practices and standards themselves.

Virtual realities: simulation tech for offshore safety

Advances in modern technology are bringing new health and safety opportunities to the offshore industry.

Slow progress in Congress

According to US legislative tracking website Govtrack.us, the Offshore Oil and Gas Worker Whistleblower Protection Act has a 1% chance of being enacted. The reason for its slow progress through Congress is unknown but it could be down to industry lobbying on a number of issues, including the fact that offshore workers are not demanding the bill themselves, or because the climate for legislation to go forward is very polarised between Democrats and Republicans at the moment.

If the bill doesn't pass, Henderson says it will be "just another failure by Congress to implement any of a long list of recommendations by the National Commission on the BP Deepwater Horizon Oil Spill and Offshore Drilling."

The American Petroleum Institute was approached for comment on this issue but failed to respond.

In the pharmaceutical industry, where whistleblowers are protected and actually sometimes receive huge sums of money, many unethical and illegal practises
have been exposed. Like the pharmaceutical industry, the offshore oil and gas industry's operations, though they may be out of sight and out of mind for most people, can have far-reaching effects.

It is known that, in the case of Deepwater Horizon, BP employees had concerns that they raised but were effectively overruled on. If a law could provide more support for those workers to voice their concerns it is surely worth enacting.

As Representative George Miller said: "Workers themselves are in the best position to discover safety hazards. You can't have inspectors at all facilities at all times. These workers are enforcement agencies' eyes and ears when it comes to safety compliance."

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US Representative George Miller.

Map of Outer Continental Shelf.

Deepwater Horizon oil spill devastated the Gulf of Mexico.